रजिस्ट्री सं. डीएल(एन)-04/0007/2003—05 REGISTERED No. DL(N)-04/0007/2003—05

भारत का राजपत्र
The Gazette of India

साप्ताहिक/WEEKLY
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 30] नई दिल्ली, शनिवार, जुलाई 24—जुलाई 30, 2004 (श्रावण 2, 1926)
No. 30] NEW DELHI, SATURDAY, JULY 24—JULY 30, 2004 (SRAVANA 2, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]
[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Kolkata, the 24th July 2004

ADDRESSES AND JURISDICTION OF THE OFFICES OF THE PATENTS OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below:—

1. Patent Office Branch,
Todi Estates, IIIrd Floor,
Sun Mill Compound,
Lower Parel (West),
Mumbai–400 013.

The States of Gujarat,
Maharashtra, Madhya Pradesh
and Goa and the Union
Territories of Daman and
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"
Phone Nos. (022) 2492 4058, 2496 1370, 2492 3684,
2490 3852
Fax Nos. (022) 2495 0622, 2490 3852
E-mail: patmum@vsnl.net

2. Patent Office Branch,
W-5, West Patel Nagar,
New Delhi–110 008.

The States of Haryana,
Himachal Pradesh,
Jammu and Kashmir,
Punjab, Rajasthan,
Uttar Pradesh and Delhi and the
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"
Phone Nos. (011) 2587 1255, 2587 1256,
2587 1257, 2587 1258.
Fax No. (011) 2587 1256.
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,
Guna Complex, 6th Floor, Annex-II,
443, Annasalai, Teynampet,
Chennai-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamil Nadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy and
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"
Phone Nos. (044) 2431 4324/4325/4326.
Fax Nos. (044) 2431 4750/4751.
E-mail. patentchennai @ vsnl. net

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata–700 020.

Rest of India

Telegraphic Address "PATENTS"
Phone Nos. (033) 2247 4401/4402/4403.
Fax Nos. (033) 2247 3851, 2240 1353.
E-mail. patentin @ vsnl. com
patindia @ giascl01.vsnl.net.in
Website : http:/www. Ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by The Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 24 जुलाई 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर परेल (वेस्ट),
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा
गोआ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता : "पेटोफिस"
फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852
फैक्स : (022) 2495 0622, 2490 3852
ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,
डब्ल्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिक"
फोन : (011) 2587 1255, 2587 1256, 2587 1257,
2587 1258.
फैक्स : (011) 2587 1256.
ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,
गुना कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप।
तार पता - "पेटेंटोफिक"
फोन : (044) 2431 4324/4325/4326.
फैक्स : (044) 2431 4750/4751.
ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6ठा व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : (033) 2247 4401/4402/4403.
फैक्स : (033) 2247 3851, 2240 1353.
ई. मेल : patentin@vsnl.com
patindia@giascl01.vsnl.net.in
वेब साइट : http/www. Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज़ या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1301	02045/DELNP/2003 Dt : 02/12/2003	PCT/EP02/06720 Dt : 18/06/2002	01115000.0 dt. 20/6/2001 EP	Finland	Borealis Polymers Oy, P.O. Box 330, 06101 Porvoo, Finland.	Prepration of Olefin Polymerisation Catalyst component.	C08F 10/06
1302	02046/DELNP/2003 Dt : 02/12/2003	PCT/EP02/06630 Dt : 15/06/2002	101 29 265.1 dt. 18/6/2001 Germany.	Germany	HF Arzeimittelforschung GMBH, St. Johannes 5, 59368 Werne, Germany.	Active Ingredient combination for treating a dependence on addictive substances or narcotics using medicaments.	A61K 31/55
1303	02047/DELNP/2003 Dt : 02/12/2003	PCT/EP02/06716 Dt : 18/06/2002	01115000.0 dt. 20/6/2001 EP	Finland	Borealis Polymers Oy, P.O. Box 330, 06101 Porvoo, Finland.	Olefin polymerisation catalyst and method for preparing the same.	C08F 4/654
1304	02048/DELNP/2003 Dt : 02/12/2003	PCT/EP02/05390 Dt : 16/05/2002	MI01A001182 dt. 5/6/2001 Italy	Italy	Indena S.P.A., Via Ortles, 12 I-20139 Milano, Italy.	Pharmaceutical and/or cosmetic compositions for the treatment of localised adiposities and cellulite.	A61K 35/78
1305	02049/DELNP/2003 Dt : 02/12/2003	PCT/JP03/02281 Dt : 27/02/2003	2002-077920 dt. 20/3/2002 Japan.	Japan	Daikin Industries, Ltd., Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, Japan	Permanent magnet-type electric motor and compressor using the same.	H02K 1/27

1306	02050/DELNP/2003 Dt : 02/12/2003	PCT/US03/07885 Dt : 13/03/2003	10/112,501 dt. 27/3/2002 USA	United States of America	Albany International Corp. 1373 Broadway Albany, New York 12204, USA	Seaming of spirally wound paper machine clothing.	D21F 1/00
1307	02051/DELNP/2003 Dt : 02/12/2003	PCT/GB02/02412 Dt : 23/05/2002	0113408.9 & 0128571.7 dt. 4/6/2001 & 29/11/2001 UK	England	Qinetiq Limited, 85 Buckingham Gate, London SW 1E 6PD, England.	Patterning method.	C23C 18/16
1308	02052/DELNP/2003 Dt : 02/12/2003	PCT/EP02/07009 Dt : 25/06/2002	011586.3 & 0130342.9 dt. 28/6/2001 & 19/12/2001 UK	England	Smithkline Beecham PLC, 980 Great West Road, Brentford, Middlesex TW8 9GS, England.	N-aroyl cyclic amine derivatives as orexin receptor antagonists.	C07D 417/14
1309	02053/DELNP/2003 Dt : 02/12/2003	PCT/US02/17882 Dt : 06/06/2002	09/878,123 dt. 8/6/2001 USA	United States of America	Intel Corporation, 2200 Mission College Boulevard, Santa Clara,California 95052, USA	Chip lead frmes.	H01L 21/48
1310	02054/DELNP/2003 Dt : 02/12/2003	PCT/EP02/06327 Dt : 10/06/2002	101 29 714.9 dt. 22/6/2001 Germany.	Germany	Bayer Healthcare AG, D-51368, Leverkusen, Germany.	Topical application of thiazolyamides.	A61K 31/426
1311	02055/DELNP/2003 Dt : 02/12/2003	PCT/IB02/03448 Dt : 29/05/2002	2001A000521 dt. 1/6/2001 Italy.	Italy	VHIT S.P.A., Vacuum & Hydraulic products Italy, Via Cavalli 53/A, I-26013 Crema, Italy.	Rotor with reduced wear and pump comprising such a rotor.	F04C 2/344
1312	02056/DELNP/2003 Dt : 02/12/2003	PCT/EP02/12789 Dt : 15/11/2002	101 57 073.2 dt. 21/11/2001 Germany.	Germany	Rutgers Chemicals AG, Kekulestrasse 30, D-44579 Castrop-Rauxel, Germany.	Selective production of O-alkyl phenols.	C07C 39/06
1313	02057/DELNP/2003 Dt : 02/12/2003	PCT/FR02/01603 Dt : 13/05/2002	01/06279 dt. 11/5/2001 France.	France	Societe Europeenne D'Ingeniereie Mecanique-eurodim, 21 Avenue Edouad Belin, 92566 Rueil Malmaison, France.	System for transfer of a fluid - - - - - - - - - - or supplying this product.	B67D 5/70
1314	02058/DELNP/2003 Dt : 02/12/2003	PCT/BE02/00107 Dt : 26/06/2002		Belgium	Vlaamse Instelling Voor Technologisch Onderzoek [VITO], Boeretand 200, B-2400 Mol, Belgium.	Method and devices for controlling loads connected to a power line.	H04B 3/54
1315	02059/DELNP/2003 Dt : 02/12/2003	PCT/US01/17002 Dt : 24/05/2001		United States of America	Metalforming Controls Corp., 760A, Industrial Drive, Cary, Illinois 60013, USA	Power press.	B21D 24/00

1316	02060/DELNP/2003 Dt : 02/12/2003	PCT/EP02/07067 Dt : 26/06/2002	101 30 846.9 dt. 28/6/2001 Germany.	Germany	Regeneratio Pharma AG, Kleine Klotzbahn 23, D-42105 Wuppertal, Germany.	Use of Corrinoids for application in skin diseases.	A61K 31/00
1317	02061/DELNP/2003 Dt : 02/12/2003	PCT/EP02/08038 Dt : 07/12/2002		Germany	Johnson & Johnson GMBH, Kaiserwertherstrasse 270, 40474, Dusseldort, Germany.	Products comprising a sheet and a lipid and aqueous phase.	A61K 7/48
1318	02062/DELNP/2003 Dt : 02/12/2003	PCT/EP02/05348 Dt : 15/05/2002	944/01 dt. 21/5/2001 Switzerland.	Swaziland	Vantico AG Klybeckstrasse 200, CH-4057 Basel, Switzerland.	Processes for the production of components of electronic apparatuses.	H05K 3/46
1319	02063/DELNP/2003 Dt : 02/12/2003	PCT/EP02/08039 Dt : 07/12/2002		Germany	Johnson & Johnson GMBH, Kaiserwertherstrasse 270, 40474, Dusseldort, Germany.	Dry products comprising a sheet and two phases.	A61K 7/48
1320	02064/DELNP/2003 Dt : 02/12/2003	PCT/AU02/00554 Dt : 05/03/2002	PR 4797 dt. 3/5/2001 Australia.	Australia	The University of New England, Elm Avenue, Armidale, New South Wales 2351, Australia.	Attractants for moths.	A01N 31/16
1321	02065/DELNP/2003 Dt : 02/12/2003	PCT/GB02/01775 Dt : 18/04/2002	01304056.3 dt. 3/5/2001 Europe	United Kingdom	Allied Domercq Spirits & Wine Limited, The Pavilions, Bridgwater Road,Bedminster Down, Bristol BS13 8AR, UK	Tamper evident closure.	B65D 55/02
1322	02066/DELNP/2003 Dt : 02/12/2003	PCT/AU02/00526 Dt : 30/04/2002	PR 4726 dt. 30/4/2001 Australia	Australia	Cellular roaming alliance pty. Ltd., Level 2, 520 Collins Street, Melbourne, Victoria 3000, Australia.	Selective call forwarding.	H64Q 7/38
1323	02067/DELNP/2003 Dt : 02/12/2003	PCT/FR02/02003 Dt : 12/06/2002	01/07646 dt. 12/6/2001 France.	France	Metalor Technologies France SAS, Rue des Acquees 28190 Courvill sur Eure, France.	A mixture usable as a brightener in an electrolytic deposit bath of silver, of gold or of one of their alloys.	c25D 3/46
1324	02068/DELNP/2003 Dt : 02/12/2003	PCT/US02/15201 Dt : 15/05/2002	09/867,747 dt. 31/5/2001 USA	United States of America	Contentguard Holdings, Inc., Suite 200 M, 103 Foulk Road, Wilmington, DE 19803, USA	Method and apparatus for establishing usage rights for digital content to be created in the future.	H04L

1325	02069/DELNP/2003 Dt : 03/12/2003	PCT/US02/18143 Dt : 07/06/2002	0113991.4, 0113990.6 & 0120824.8 dt. 8/6/2001 & 28/8/2001 GB	United States of America	Eveready Battery Company Inc., P.O. Box 450777, 25225 Detroit Road, Westlake, Ohio 44145, USA	Optimised alkaline electrochemical cells.	M01M 6/06
1326	02070/DELNP/2003 Dt : 03/12/2003	PCT/HU02/00054 Dt : 14/06/2002	P0102567 dt. 21/6/2001 Hungary.	France	Sanofi-Synthelabo, 174, Avenue de France, F-75013, Paris, France.	Resolution process for [R]-[-]-2-hydroxy-2-[2-chlorophenyl] acetic acid.	C07C 51/41
1327	02071/DELNP/2003 Dt : 03/12/2003	PCT/AT02/00303 Dt : 30/10/2002	GM 924/2001 dt. 29/11/2001 Austria	Austria	Binder + Co. Aktiengesellschaft, Grazer Strasse 19-25, A-8200 Gleisdorf, Austria.	Sifting device.	B07B 1/46
1328	02072/DELNP/2003 Dt : 03/12/2003	PCT/GB00/01514 Dt : 19/04/2000	9909472.4 & 9912197.2 dt. 23/4/1999 & 25/5/1999 GB	United Kingdom	Smithkline Beecham P.L.C., New Horizons Court, Brentford, Middlesex TW8 9EP, UK.	A process for the prepration of a ------ -----------acid salt (the polymorph)	C07D 417/12
1329	02073/DELNP/2003 Dt : 03/12/2003	PCT/GB00/01522 Dt : 19/04/2000	9909471.6 & 9912195.6 dt. 23/4/1999 & 25/5/1999 GB	United Kingdom	Smithkline Beecham P.L.C., New Horizons Court, Brentford, Middlesex TW8 9EP, UK.	A process for the prepration of a ------ -----------acid salt (the polymorph)	
1330	02074/DELNP/2003 Dt : 03/12/2003	PCT/GB02/02703 Dt : 07/06/2002	0114036.7 dt. 8/6/2001 GB	United Kingdom	Brainjuicer.Com Limited, 9 Carlyle Road, Cambridge CB4 3DN, UK.	Method, system and computer program for generating and collating feedback from a plurality of respondents.	G06F 17/60
1331	02075/DELNP/2003 Dt : 03/12/2003	PCT/GB00/01520 Dt : 19/04/2000	9909473.2 & 9912196.4 dt. 23/4/1999 & 25/5/1999 GB	United Kingdom	Smithkline Beecham P.L.C., New Horizons Court, Brentford, Middlesex TW8 9EP, UK. and Smithkline Beecham (Cork) Limited, Curraghbinny, Carrigaline, County Cork, Eire.	A process for the preparation of a ----- ------------acid salt (the polymorph)	C07D 417/12
1332	02076/DELNP/2003 Dt : 03/12/2003	PCT/EP02/04924 Dt : 03/05/2002	101 23 574.7, 101 25 294.3 & 101 64 590.2 dt. 8/5/2001, 15/5/2001 &	Germany	Schering Aktiengesellschaft, Mullerstrasse 178, 13342 Berlin, Germany.	Selective anthranilamide pyridine amides as inhibitors of vegfr-2	C07D 401/14

			21/12/2001 Germany.			and vegfr-3.	
1333	02077/DELNP/2003 Dt : 03/12/2003	PCT/JP02/06598 Dt : 28/06/2002	2001-196724, 2002-14451, 2002-74561, 2002-153302 dt. 28/6/2001, 23/1/2002, 18/3/2001 & 28/5/2002 Japan.	Japan	Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan.	Low carbon steel sheet and low carbon steel slab and process for producing same.	C21C 7/00
1334	02078/DELNP/2003 Dt : 03/12/2003	PCT/JP03/04089 Dt : 31/03/2003	2002-104260, 2002-104261, 2002-104262, 2002-104263, 2002-108134, 2002-111940, 2002-114818, 2002-114819, 2002-114820 dt. 5/4/2002, 10/4/2002, 15/4/2002, 17/4/2002, Japan.	Japan	Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan.	Iron-base amorphous alloy thin strip---------- cooled and solidified thin strip.	C22C 45/02
1335	02079/DELNP/2003 Dt : 03/12/2003	PCT/GB02/02721 Dt : 06/06/2002	0114005.2 dt. 8/6/2001 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 ONN, UK.	Pyrrolidine derivatives as factor XA Inhibitors.	C07D 207/26
1336	02080/DELNP/2003 Dt : 03/12/2003	PCT/US02/18920 Dt : 14/06/2002	09/893,115 dt. 27/6/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne Cedex (France)	Color picture tube having a low expansion tension mask attached to a higher expansion frame.	H01J 29/07
1337	02081/DELNP/2003 Dt : 03/12/2003	PCT/US01/20844 Dt : 29/06/2001		France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (France)	Method and apparatus for permitting unconfirmed viewing time with addressable pay TV.	H04N 7/167
1338	02082/DELNP/2003	PCT/US01/20745		France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (France)	Multi-media jitter removal in an asynchronous digital	H04J 3/06

						home network.	
	Dt : 03/12/2003	Dt : 29/06/2001					
1339	02083/DELNP/2003	PCT/US01/20054		France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (France)	Method and system for compensation of a carrier frequency offset in an ofdm receiver.	H04J 1/00
	Dt : 03/12/2003	Dt : 22/06/2001					
1340	02084/DELNP/2003	PCT/US02/20376	09/896,966 dt. 29/6/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (France)	Method and system for providing an acoustic interface.	G06F
	Dt : 03/12/2003	Dt : 27/06/2002					
1341	02085/DELNP/2003	PCT/EP02/05666	01112067.2 dt. 25/5/2001 EP	Swaziland	Ares Trading S.A Le Chateau, CH-2028, Vaumarcus, Switzerland.	Use of IL-18 Inhibitors for treating or preventing CNS injuries.	A61K 39/395
	Dt : 03/12/2003	Dt : 23/05/2002					
1342	02085/DELNP/2003	PCT/EP02/05666	01112067.2 dt. 25/5/2001 EP	Swaziland	Ares Trading S.A. Le Chateau, CH-2028, Vaumarcus, Switzerland.	Use of IL-18 Inhibitors for treating or preventing CNS injuries.	A61K 39/395
	Dt : 03/12/2003	Dt : 23/05/2002					
1343	02086/DELNP/2003	PCT/US00/15519	09/327,063 dt. 7/6/1999 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Packaged soap bar.	B65D 65/16
	Dt : 03/12/2003	Dt : 07/06/2000					
1344	02087/DELNP/2003	PCT/US00/15519	09/327,063 dt. 7/6/1999 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Packaged soap bar.	B65D 65/16
	Dt : 03/12/2003	Dt : 07/06/2000					
1345	02088/DELNP/2003	PCT/GB02/02472	0114122.5 dt. 9/6/2001 GB	GB	3D Instruments Limited, The Gables, Old Market Street, Thetford, Norfolk IP24 2EN, GB.	Power Converter and method for power conversion.	H02M 3/158
	Dt : 04/12/2003	Dt : 28/05/2002					
1346	02089/DELNP/2003	PCT/CA02/00899	60/298,079 dt. 15/6/2001 USA	Canada	Shire Biochem Inc., 275 Armand Frappier Boulevard, Laval, Quebec H7V 4A7, Canada.	Stereoselective method for the prepration of nucleoside analogues.	C07D 409/04
	Dt : 04/12/2003	Dt : 14/06/2002					
1347	02090/DELNP/2003	PCT/FR02/02267	01 08663 dt. 29/6/2001 France.	France	Staubli Lyon, 31 rue des Freres Lumieres, F-69680 Chassieu, France.	Device for forming the shed in a weaving loom of jacquard type.	D03C 3/20
	Dt : 04/12/2003	Dt : 28/06/2002					
1348	02091/DELNP/2003	PCT/US02/18129	60/296,859 dt.	United	Liquidmetal technolgies, 100	Improved metal frame	G06F

			7/6/2001 USA	States of America	North Tampa Street, Suite 3150, Tampa, Flirida 33602, USA	for electronic hardware and flat panel displays.	
	Dt : 04/12/2003	Dt : 07/06/2002					
1349	02092/DELNP/2003	PCT/US02/17922	60/295,744 dt. 4/6/2001 USA	United States of America	Axys Pharmaceuticals, Inc., 180 Kimball Way, South San Francisco, California 94080, USA	Novel compounds and compositions as cathepsin inhibitors.	A61K 31/277
	Dt : 04/12/2003	Dt : 04/06/2002					
1350	02093/DELNP/2003	PCT/US02/16990	09/899,771 dt. 5/7/2001 USA	United States of America	Seaquist Closures Foreign, Inc., 475 West Terra Cotta, Crystal Lake, Illinois 60014, USA	Tamper-evident closure and spot fitment for a pouch.	B65D
	Dt : 04/12/2003	Dt : 31/05/2002					
1351	02094/DELNP/2003	PCT/GB02/02354	0112181.3 dt. 18/5/2001 GB	Great Britain	Reuters Limited, 85 Fleet Street, London EC4P 4AJ (GB)	Financial Market Trading System.	G06F 17/60
	Dt : 04/12/2003	Dt : 20/05/2002					
1352	02095/DELNP/2003	PCT/US02/17292	09/875,844 dt. 6/6/2001 US	United States of America	Donaldson Company, Inc., 1400 West 94th Street, P.O. Box 1299, Minneapolis, Minnesota 55440-1299, USA	Filter element having sealing members and methods.	B01D 46/00
	Dt : 04/12/2003	Dt : 30/05/2002					
1353	02096/DELNP/2003	PCT/US02/17060	60/296,269 & 10/157,257 dt. 6/6/2001 & 28/5/2002 US	United States of America	Donaldson Company, Inc., 1400 West 94th Street, P.O. Box 1299, Minneapolis, Minnesota 55440-1299, USA	Filter element having center piece and methods.	B01D 25/26
	Dt : 04/12/2003	Dt : 30/05/2002					
1354	02097/DELNP/2003	PCT/US02/15787	60/291,867, 60/297,965, 60/298,152, 60/301,185, 60/309,636, 60/367,134 dt. 18/5/2001, 12/6/2001, 26/6/2001, 1/8/2001 & 22/3/2002 USA	United States of America	Hotnet, Inc., an Alaskan Corporation, 962 Red Feather Court Incline Villages Nevada 89451, USA	Reduced-bulk, Enhanced resilience, lower-drag netting.	D04g 1/00
	Dt : 04/12/2003	Dt : 07/05/2002					
1355	02098/DELNP/2003	PCT/IB01/02529	PCT/IB01/02529 DT. 26/10/2001		Gomez Sanchez, Felix Arturo, Transversal 9 Cllo 130 C-69, Apto, 413, Bogota D.C., Colombia.	Machine to assemble or produce sandwich-type panels and the panels thus obtained.	B21F 27/12
	Dt : 04/12/2003	Dt : 26/10/2001					
1356	02099/DELNP/2003	PCT/GB02/02735	0114543.2 dt. 14/6/2001 UK	United Kingdom	World Golf Systems Limited, Axis 4, Rhodes Way, Watford,	Identification device.	A63B47/00

	Dt . 04/12/2003	Dt : 14/06/2002			Herts WD24 4YW, UK.		
1357	02100/DELNP/2003 Dt : 04/12/2003	PCT/US02/15387 Dt : 15/05/2002	09/854,362 dt. 15/5/2001 USA	Canada	Hydrogenics Corporation, 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8, Canada.	Apparatus for and method of forming seals in fuel cells and fuel cell stacks.	H01M 8/02
1358	02101/DELNP/2003 Dt : 04/12/2003	PCT/US02/18147 Dt : 06/06/2002	09/878,036 dt. 8/6/2001 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Brush Section for an Electric Toothbrush.	A46B 13/02
1359	02102/DELNP/2003 Dt : 05/12/2003	PCT/US02/17015 Dt : 31/05/2002	60/294,638 dt. 1/6/2001 US	United States of America	Prosanos Corporation, 3701, Market Street, Philadelphia, PA 19104, USA	Information processing methods for disease staratification and assessment of disease progressing.	G06F
1360	02103/DELNP/2003 Dt : 05/12/2003	PCT/US02/23194 Dt : 19/07/2002	60/307,353 dt. 23/7/2991 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinati, OH 45202, USA	Easy opening Re-closeable bag.	B65D 75/58
1361	02104/DELNP/2003 Dt : 05/12/2003	PCT/GB02/01202 Dt : 14/03/2002	60/289,229 dt. 7/5/2001 US	Great Britain	Management Diagnostics Limited, Stratton House, Stratton Street, London W1J 8LA, GB	A company board data processing system and method.	G06F 17/60
1362	02105/DELNP/2003 Dt : 05/12/2003	PCT/GB02/02385 Dt : 21/05/2002	0112338.9 dt. 21/5/2001 GB	United Kingdom	Ricardo Consulting Engineers Limited, Bridge Works, Shoreham-by-sea, West Sussex, BN43 5FG, UK	Improved engine management.	F01C 21/00
1363	02106/DELNP/2003 Dt : 05/12/2003	PCT/US01/19830 Dt : 21/06/2001	60/213,328, 60/223,502, 60/266,674 dt. 22/6/2000, 7/8/2000, 6/2/2001 US	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinati, OH 45202, USA	Rinse-added fabric treatment composition, kit containing such, and method of use therefor.	C11D 7/60
1364	02107/DELNP/2003 Dt : 05/12/2003	PCT/US02/17715 Dt : 06/05/2002	09/874,203 & 10/117,010 dt. 6/6/2001 & 5/4/2002 US	United States of America	Brookhaven Science Associates, 40 Brookhaven Avenue, Building 460, Upton, NY 11973, USA	Novel metalloporphyrins and their uses as radiosensitizers for	A61K 31/409

						radiation therapy.	
1365	02108/DELNP/2003 Dt : 05/12/2003	PCT/US02/16529 Dt : 22/05/2002	60/292,703 dt. 22/5/2001 USA	United States of America	Neurogen Corporation, 35 Northeast Industrial Road, Branford, Connecticut 06405, USA	5-substiuted-2-arylpyridines as CRF1 modulators.	A61K 31/4418
1366	02109/DELNP/2003 Dt : 05/12/2003	PCT/EP02/04640 Dt : 26/04/2002	895/01 dt. 15/5/2001 Switzerland.	Swaziland	Speedel Pharma AG, Hirschgasslein 11, CH-4051, Basel, Switzerland.	Process for the prepration of substituted carboxylic esters.	C12P 7/00
1367	02110/DELNP/2003 Dt : 05/12/2003	PCT/CU02/00004 Dt : 06/07/2002	2001-0133 dt. 8/6/2001 Cuba	Cuba	Centro Nacional De Investigaciones Cientificas(CNIC), Ave. 25 No. 15202 esq. a 158, Cubanacan, Playa, Ciudad de la Habana 12100, Cuba	Circuit to clamp the voltages in the electrodes of the chef system chamber of pulsed field gel electrophoresis.	G01N 27 447
1368	02111/DELNP/2003 Dt : 05/12/2003	PCT/US02//18301 Dt : 06/07/2002	09/879,288 dt. 12/6/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne Cedex (France)	A method and apparatus for generating a list of suggested scheduled television programs.	H04N 5/445
1369	02112/DELNP/2003 Dt : 05/12/2003	PCT/US02/19435 Dt : 19/06/2002	09/904,022 dt. 12/7/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92648 Boulogne Cedex (France)	Modifying video signals by converting non-intra pictures.	H04N 5/92
1370	02113/DELNP/2003 Dt : 05/12/2003	PCT/US01/16977 Dt : 25/05/2001		United States of America	UOP LLC, 25 East Algonquin Road, Des Plaines, Illinois 60017-5017, USA	FCC process for upgrading gasoline heart cut.	C10G 11/18
1371	02114/DELNP/2003 Dt : 05/12/2003	PCT/SE01/01926 Dt : 09/10/2001	09/874,358 dt. 6/6/2001 US	-	Inca Asset Management S.A., 42, rue de 31/decembre, LP 61931211, CH-Geneva 6(CH)	Method and device stimulating the activity of hair follicles.	A61N 5/06
1372	02115/DELNP/2003 Dt : 05/12/2003	PCT/JP02/07076 Dt : 07/11/2002	2001-212545 dt. 12/7/2001 Japan	Japan	IP Flex Inc., 27-1 Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-0021, Japan	Integrated circuit device.	G06F 12/08
1373	02116/DELNP/2003 Dt : 05/12/2003	PCT/GB02/02759 Dt : 13/06/2002	0114492.2 & 0205511.9 dt. 14/6/2001 & 8/3/2002 GB	United Kingdom	The Enterprises Cradle Limited, 271, Stockingstone Road, Luton, Bedfordshire LU2 7DQ, UK.	Trap and method for trapping flying insects.	A01M

1374	02117/DELNP/2003 Dt : 05/12/2003	PC/EP02/05081 Dt : 05/08/2002	01111296.8 dt. 17/5/2001 EP	Neherlands	Applied research systems ARS Holding N.V., Pietermaai 15, Curacao, The Netherlands Antilles, Netherlands.	Use of Osteopontin for the Treatment and/or prevention of neurologic diseases.	A61K 38/21
1375	02118/DELNP/2003 Dt : 05/12/2003	PCT/AU02/00780 Dt : 14/06/2002	PR 5705 dt. 15/6/2001 Australia.	Australia	Lednium Pty Ltd., Suite 3, Level 7, Chatswood Central, North Tower, 1-5 Railway Street, Chatswood, New South Wales 2067, Australia.	A method of producing a lamp.	H01L 25/075
1376	02119/DELNP/2003 Dt : 08/12/2003	PCT/GR02/00035 Dt : 14/06/2002	20010100295, dt 18/6/2001 GR	Germany	Pattakos,Manousos, Lampraki 356, GR-18452 Nikea Piraeus(GR), Pattakkos, john, lampraki 356, GR-18452 Nikea Piraeousk(GR), Pattakos, Emmanouel, Lampraki 356, GR-18452 Nikea PiraeusK(GR)	Variable Valve Gear	F01L 13/00
1377	02120/DELNP/2003 Dt : 08/12/2003	PCT/US02/20508 Dt : 27/06/2002	60/302055 dt. 28/6/2001 USA	United States of America	Fluor Corporation, One Enterprise Drive, Aliso Viejo, CA 92656 USA	Improved ammonia plant configurations and methods.	C01C 1/00
1378	02121/DELNP/2003 Dt : 08/12/2003	PCT/JP03/02879 Dt : 11/03/2003	2002-092036 dt. 28/3/2002 Japan.	Japan	Daikin Industries, Ltd., Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku Osaka-shi, Osaka 530-8323, Japan	High-low pressure dome type compressor.	F04B 39/00
1379	02122/DELNP/2003 Dt : 08/12/2003	PCT/AU02/00568 Dt : 08/05/2002	PR 4863 dt. 9/5/2001 Australia.	Australia	Flurosolutions Pty Ltd., Suite 17, 191-195, Walker Street, North Sydney, New South Wales, 2060, Australia.	A payment system.	G06F 17/60
1380	02123/DELNP/2003 Dt : 08/12/2003	PCT/JP03/00758 Dt : 14/04/2003	20254/2002 dt. 13/4/2002 Korea.	Korea	Samsung Electronics Co., Ltd., 416, Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Korea.	Method of providing packet data service in a wireless telecommunication system.	H04B 7/26
1381	02124/DELNP/2003 Dt : 08/12/2003	PCT/US02/18896 Dt : 13/06/2002	101 31 729.8 dt. 21/6/2001 Germany.	United States of America	Albany International Corp., 1373 Broadway Albany, New York 12204, USA	Monofilament of Polyamide, flat textile product and method for producing same.	C08F 2/46
1382	02125/DELNP/2003	PCT/EP02/06629		Neherlands	Applied research systems	Pyrrolidine	C07D

	Dt : 08/12/2003	Dt : 14/06/2002			ARS Holding N.V., Pietermaai 15, Curacao, The Netherlands Antilles, Netherlands.	oxadiazole-and thiadiazole derivatives.	413/04
1383	02126/DELNP/2003	PCT/AU02/00608	PR 5066 dt. 17/5/2001 Australia.	Australia	The Australian National University, Acton, Canberra, Australian Capital Territory, 0200, Australia.	Method of modulating the activity of calcium channels in cardiac cells and reagents therefor.	A61K 38/02
	Dt : 08/12/2003	Dt : 17/05/2002					
1384	02127/DELNP/2003	PCT/GB02/02641	0114149.8 dt. 11/6/2001 UK	England	Compair UK Limited, Hughenden Avenue, High Wycombe, Bucks HP 13 5SF, England.	Screw compressor with switched reluctance motor.	F04C 29/00
	Dt : 08/12/2003	Dt : 10/06/2002					
1385	02128/DELNP/2003	PCT/US02/17214	09/873,698 dt. 4/6/2001 USA	United States of America	Honeywell Internatonal Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, New Jersey 07960, USA	Composite friction DISC with structural core and refurbishable lining elements.	F16D 65/12
	Dt : 08/12/2003	Dt : 04/06/2002					
1386	02129/DELNP/2003	PCT/SE02/01179	0102144.3 dt. 15/6/2001 Sweden.	Sweden	Replisaurus Technologies AB, Electrum 209, B5v, SE-16440, Kista, Sweden.	Method and electrode for defining and replicating sturctures in conducting materials.	C25D 5/02
	Dt : 08/12/2003	Dt : 17/06/2002					
1387	02130/DELNP/2003	PCT/FR02/02235	01/08562 dt. 28/6/2001 France.	France	Sanofi-Synthelabo, 174, Avenue de France, F-75013, Paris, France.	Crystalline form of a ---------- --comprising the same.	C07C 217/74
	Dt : 08/12/2003	Dt : 27/06/2002					
1388	02131/DELNP/2003	PCT/GB02/02559	0113946.8 dt. 8/6/2001 UK	England	The Secretary of State For Defence, Whitehall, London SW1A 2HB, England.	Automatic development of software codes.	G06F 9/44
	Dt : 08/12/2003	Dt : 06/06/2002					
1389	02132/DELNP/2003	PCT/IT02/00363	MI2001A001276 dt. 18/6/2001 Italy.	Italy	MO-EL S.R.L. Via Galvani, 18, I-42027, Montecchio Emilia (Reggio Emilia) Italy.	A collecting-container for insecticide apparatus and an apparatus for capturing insects and the like provided with such a container.	A01M 1/06
	Dt : 08/12/2003	Dt : 04/06/2002					
1390	02133/DELNP/2003	PCT/GB02/02880	0115517.5 dt. 25/6/2001 GB	Neherlands	Ferring BV, Polaris Avenue 144, NL-2132 JX Hoofddorp, The Netherlands.	3-fluro-pyrrolidines as antidiabetic agents.	A61K 31/4025

	Dt : 08/12/2003	Dt : 24/06/2002					
1391	02134/DELNP/2003	PCT/JP01/04921		Japan	Seirei Kogyo Kabushiki Gaisha, 428 Enami, Okayama-shi, Okayama 702-8004, Japan & Yanmar Nouki Kabushiki Gaisha, 1-32, Chayamachi, kita-ku, Osaka-shi, Osaka 530-0013, Japan	Horizontal grinding type rice milling machine.	B02B 3/06
	Dt : 08/12/2003	Dt : 11/06/2001					
1392	02135/DELNP/2003	PCT/EP02/06291	101 29 710.6 & 102 15 436.8 dt. 22/6/2001 & 8/4/2002 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim, Germany.	Crystalline anticholinergic, processes for preparing it and its use for preparing a pharmaceutical compsotion.	A61K 31/46
	Dt : 09/12/2003	Dt : 08/06/2002					
1393	02136/DELNP/2003	PCT/EP02/06290	101 31 200.8 dt. 28/6/2001 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co. KG., Binger Strasse 173, D-55216 Ingelheim, Germany.	Technical process for the manufacture of tropenol.	C07D 451/10
	Dt : 09/12/2003	Dt : 08/06/2002					
1394	02137/DELNP/2003	PCT/EP02/07865	0117396.2 dt. 17/7/2001 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 ONN, UK.	Chemical compounds.	C07D 471/00
	Dt : 09/12/2003	Dt : 15/07/2002					
1395	02138/DELNP/2003	PCT/JP02/05955	2001-182504, 2001-400871, & 2002-111131 dt. 15/6/2001, 28/12/2001 & 12/4/2002 Japan.	Japan	Otsuka Pharmaceutical Co., Ltd., 9, Kandatsukasacho 2-chome, Chiyoda-ku, Tokyo 101-8535, Japan.	Dry powder inhalation system for transulmonary administration.	A61M 15/00
	Dt : 09/12/2003	Dt : 14/06/2002					
1396	02139/DELNP/2003	PCT/EP02/08466		Italy	Bidachem S.P.A., Strada Statale 11, [Padana Sup.] No. 8, I-24040 Fornovo s. Giovanni, Bergamo, Italy.	Stable polymorph of flibanserin, Technical process for its prepration and the use thereof for preparing medicaments.	C07D 40/360
	Dt : 09/12/2003	Dt : 30/07/2002					
1397	02140/DELNP/2003	PCT/US02/16804	09/867,063 dt. 29/5/2001 USA	United States of	Color Arts, Inc., 1840 Oakdale Avenue, Racine, Wisconsin	Dry ink transfer system.	B41M 5/00

	Dt : 09/12/2003	Dt : 28/05/2002		America	53406, USA		
1398	02141/DELNP/2003	PCT/GB02/02679	0115181.0 dt. 20/6/2001 GB	United Kingdom	Glaxo Group Limited, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN, UK.	Composition comprising a PDE-4 - - - - - - - - - - - - - - - - respiratory diseases.	A61K 45/06
	Dt : 09/12/2003	Dt : 17/06/2002					
1399	02142/DELNP/2003	PCT/SE02/01308	0102380-3 dt. 2/7/2001 Sweden.	Sweden	Macronova AB, P.O. Box 754, SE-851 22 Sundsvall, Sweden.	Cream for treatment of skin injred by the sun.	A61K 7/48
	Dt : 09/12/2003	Dt : 30/06/2002					
1400	02143/DELNP/2003	PCT/US02/22142	60/305,704 & 60/354,915 dt. 16/7/2001 & 8/2/2002 US	United States of America	Ren Yuqing, 13285 Kingsfield Court, San Diego, CA 92130 US.	Embedded software update system.	G06F 9/44
	Dt : 09/12/2003	Dt : 15/07/2002					
1401	02144/DELNP/2003	PCT/IB02/02636	1086/01 dt. 15/6/2001 Switzerland.	Italy	Ribi Pack SPA, VIA Cesarea 11/10, 16121 Genova, Italy.	Bottle seal deteaching device.	B67B 7/00
	Dt : 09/12/2003	Dt : 14/06/2002					
1402	02145/DELNP/2003	PCT/EP02/03469	01111573.0 dt. 11/5/2001 EP	Swaziland	Societe Des Produits Nestle S.A., P.O. Box 353, CH-1800 Vevey, Switzerland.	Leaf specific gene promoter of coffee.	C12N 15/82
	Dt : 10/12/2003	Dt : 27/03/2002					
1403	02146/DELNP/2003	PCT/US02/15874	09/862.077 dt. 21/5/2001 US	Swaziland	Nestec Ltd., Avenue Nestle 55, 1800 Vevey, Switzerland.	Inhibition of tyrophagus putrescentiae in pet food products.	A23B 4/12
	Dt : 10/12/2003	Dt : 20/05/2002					
1404	02147/DELNP/2003	PCT/IB02/02830	177/2001 dt. 16/7/2001 UAE	United Arab Emirates	Moosa Eisa Al Amri, A1 Reem Tower, Maktoum Street, P.O. Box 14427, Dubai, UAE.	Smart boarding pass.	G06F
	Dt : 10/12/2003	Dt : 16/07/2002					
1405	02148/DELNP/2003	PCT/GB02/02505	0115927.6 dt. 29/6/2001 UK	England	Amersham PLC, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA, England and Hammersmith Imanet Limited, Cyclotron Building, Hammersmith Campus, DuCane Road, london W12 0NN, England.	Solid-phase nucleophilic fluorination.	A61K 51/00
	Dt : 10/12/2003	Dt : 18/06/2002					
1406	02149/DELNP/2003	PCT/US02/22187	09/912,002 dt. 24/7/2001 USA	United States of	Elbex Video Ltd., 25-5, Nishigotanda 7-chome,	Method and apparatus for connecting a	H04M 1/60

	Dt : 10/12/2003	Dt : 12/07/2002		America	Shinagawa-ku, Tokyo 141, Japan and Elbex America (N.Y.) Inc., East Coast Office, 300 Corporate Drive, Suite #5, Blauvelt, New York 10913, USA	television interphone monitor system to a concierge station over the internet.	
1407	02150/DELNP/2003	PCT/US02/15879	09/885,802 dt. 20/6/2001 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Method and apparatus for controlling miltiple logical data flow in a variable data rate environment.	H0$L 12/56
	Dt : 10/12/2003	Dt : 21/05/2002					
1408	02151/DELNP/2003	PCT/IB02/03034	0114272.8 dt. 12/6/2001 UK	Norway	Optinose AS, Lokkaskogen 18c, N-0773, Oslo, Norway.	Nasal devices.	A61M
	Dt : 10/12/2003	Dt : 12/06/2002					
1409	02152/DELNP/2003	PCT/US02/16518	60/297,483 dt. 12/6/2001 USA	United States of America	Neurogen Corporation, 35 Northeast Industrial Road, Branford, Connecticut 06405, USA	2,5-diarylpyrazines, 2,5-diarylpyridines and 2,5-diarylpyrimidines as CRF 1 Receptor modulators.	C07D 241/12
	Dt : 10/12/2003	Dt : 22/05/2002					
1410	02153/DELNP/2003	PCT/JP02/09108	2001-272257 dt.7/9/2001 Japan	Japan	IP Flex Inc., 27-1 Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-0021, Japan	Data Processing system and control method.	G06F 7/00
	Dt : 10/12/2003	Dt : 06/09/2002					
1411	02154/DELNP/2003	PCT/KR02/01043	2001/30953 dt. 2/6/2001 Korea.	Korea	Daewon Electric Company limited, 245-10 Gyosung-ri, Jinchun-eup, Jinchun-gun, 365-803, Choongchungbuk-do, Korea.	Electric wire removing roller for LP insulator and power distribution method of construction.	H02G 1/04
	Dt : 10/12/2003	Dt : 01/06/2002					
1412	02155/DELNP/2003	PCT/KR02/01063	2001/32587 & 2001/19366 dt. 11/6/2001 & 27/6/2001 Korea.	Korea	Daewon Electric Company limited, 245-10 Gyosung-ri, Jinchun-eup, Jinchun-gun, 365-803, Choongchungbuk-do, Korea.	Wire-changing device inside of electric pole and non-power-failure power distribution method.	M02G 1/02
	Dt : 10/12/2003	Dt : 05/06/2002					
1414	02157/DELNP/2003	PCT/US01/46638	09/874,095 dt. 5/6/2001 USA	United States of America	International Business Machines Corporation, Armonk, New York 10504, USA	Data source hand-off in a broadcast-based data dissemination environment.	H04B 1/06
	Dt : 11/12/2003	Dt : 04/12/2001					

1415	02158/DELNP/2003 Dt : 11/12/2003	PCT/GB02/02790 Dt : 06/06/2002	0113783.5 dt. 6/6/2001 GB	United Kingdom	International Coatings Limited, P.O. Box 20980, Oriel House, 16 Connaught Place, London W2 2ZB, UK.	Powder coating process with electrostatically charged fluidised bed.	B05C 19/02
1416	02159/DELNP/2003 Dt : 11/12/2003	PCT/US02/34404 Dt : 28/10/2002	09/952,891 & 10/280,612 dt. 29/10/2001 & 25/10/2002 USA	United States of America	Intel Corporation, 2200 Mission College Bolevard, Santa Clara, California 95052, USA	Method and apparatus for parallel shift right merge of Data.	G06F n3/3615
1417	02160/DELNP/2003 Dt : 11/12/2003	PCT/JP01/05706 Dt : 02/07/2001		Japan	Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan.	Waterproof structure of a drum brake.	F16D 51/00
1418	02161/DELNP/2003 Dt : 11/12/2003	PCT/JP01/05707 Dt : 02/07/2001		Japan	Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan.	Seat lock device in two-wheeled motor vehicle.	B62J 1/12
1419	02162/DELNP/2003 Dt : 11/12/2003	PCT/JP01/05705 Dt : 02/07/2001		Japan	Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan.	Step fitting structure for motorcycle.	B62J 25/00
1420	02163/DELNP/2003 Dt : 11/12/2003	PCT/US02/19687 Dt : 21/06/2002	60/300,289, 60/334,340 & 60/337,974 dt. 21/6/2001, 29/11/2001, 7/12/2001 USA	United States of America	Beth Israel Beaconess Medical Center, Inc., 330 Brookline Avenue, Boston, Massachusetts 02215 USA, Yale University, Two Whitney Avenue, New Haven, Connecticut 06511, USA and Jeanne Gose, 8 Blossom Lane, Manchester-by-the-sea, Massachusetts 01944, USA	Carbon monoxide improves outcomes in tissue and organ transplants and suppresses apoptosis.	A61B
1421	02164/DELNP/2003 Dt : 12/12/2003	PCT/US02/15325 Dt : 14/05/2002	14/5/2001 USA	United States of America	Water Health International, Inc., 9 Orchard Road, Suite 111, Lake Forest, CA 92630 USA and Prismedical corporation, 1100 Trancas Street, Napa, CA 945588 USA	Powered sterile solution device.	A61J
1422	02165/DELNP/2003	PCT/US02/19897	60/300,184 dt. 22/6/2001 US	United States of	Argonide Corporaion, 291, Power Court, Sanford, FL	Nanosize electropositive fibrous	B01D 15/08

	Dt : 12/12/2003	Dt : 21/06/2002		America	32771 US	adsorbent.	
1423	02166/DELNP/2003 Dt : 12/12/2003	PCT/US02/13489 Dt : 01/05/2002	09/891,674 dt. 25/6/2001 USA	United States of America	Exxonmobil Chemical Patents, Inc., 5200 Bayway Drive, Baytwon, Texas 77520-2101, USA	Hydrocarbon conversion processes using non-zeolitic molecular sieve catalysts.	B01J 29/05
1424	02167/DELNP/2003 Dt : 12/12/2003	PCT/FR03/01205 Dt : 15/04/2003	02/04705 dt. 16/4/2002 France.	France	ASK S.A., Les Bouillides, 15, Traverse des Brucs, Sophia Antipolis, F-06560 Valbonne, France.	A process for modifying the data of a memory card during a transaction.	G11C 16/10
1425	02168/DELNP/2003 Dt : 12/12/2003	PCT/US02/19869 Dt : 24/06/2002	09/891,674, 10/052,058, 60/365,902, 60/365,981 dt. 25/6/2001, 17/1/2002, 20/3/2002 and 20/3/2002 USA	United States of America	Exxonmobil Chemical Patents, Inc., 5200 Bayway Drive, Baytwon, Texas 77520-2101, USA	Molecular sieve catalyst composition, its making and use in conversion processes.	B01J 29/85
1426	02169/DELNP/2003 Dt : 12/12/2003	PCT/EP02/05259 Dt : 14/05/2002	60/292,337 dt. 22/5/2001 USA	Germany	Solvay Pharmaceutical GMBH, Hans-Bockler-allee 20, 30173, Hannover, Germany.	Use of compounds with combined nep/mp-inhibitory activity in the prepration of medicaments.	
1427	02170/DELNP/2003 Dt : 12/12/2003	PCT/EP00/03612 Dt : 20/04/2000	19918325.2 dt. 22/4/1999 Germany.	Luxembourg	Euroceltique S.A., 122, Boulevard de la Petrusse, L-2330, Luxemburg,	Pharmaceutical dosage form.	
1428	02171/DELNP/2003 Dt : 12/12/2003	PCT/KR03/00831 Dt : 24/04/2003	22944/2002 dt. 26/4/2002 Korea.	Korea	Samsung Electronics Co. Ltd., 416, Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Korea.	Apparatus and method for transmitting and receiving side information of a partial transmit sequence in an ofdm communication system.	H04J 11/00
1429	02172/DELNP/2003	PCT/KR02/01189	2001/36024 &	Korea	LG Household & Health Care	Multiple-layered	A61K 7/16

	Dt : 12/12/2003	Dt : 21/06/2002	2001/39847 dt. 23/6/2001 & 4/7/2001 Korea.		Ltd., 20, Youido-dong, Youngdeungpo-gu, Seoul 150-010, Korea.	patches for teeth whitening.	
1430	02173/DELNP/2003	PCT/CA02/00868	60/297,681 & 60/365,533 dt. 12/6/2001 & 20/3/2002 USA	Canada	Research In motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	Certificate management and transfer system and method.	G06F 17/30
	Dt : 12/12/2003	Dt : 12/06/2002					
1431	02174/DELNP/2003	PCT/CA02/00889	60/297,681 & 60/365,535 dt. 12/6/2001 & 20/3/2002 USA	Canada	Research In motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	System and method for compressing secure E-mail for exchange with a mobile data communication device.	G06F 17/60
	Dt : 12/12/2003	Dt : 12/06/2002					
1432	02175/DELNP/2003	PCT/CA02/00862	60/297,723 dt. 12/6/2001 USA	Canada	Research In motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	Portable electronic device with keyboard.	G06F 3/023
	Dt : 12/12/2003	Dt : 10/06/2002					
1433	02176/DELNP/2003	PCT/CA02/00890	60/297,681 dt. 12/6/2001 USA	Canada	Research In motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.	Method for processing encoded messages for exchange with a mobile data communication device.	G06F 17/60
	Dt : 12/12/2003	Dt : 12/06/2002					
1434	02177/DELNP/2003	PCT/FR02/01779	01/07287 dt. 1/6/2001 France.	France	Synomia, 3 rue Nationale, F-92100 Boulogne Billancourt, France, and Centre National De la recherche Scientifique, 3, rue Michel Ange, F-75794 Paris, Cedex 16, France.	Method and large syntactical analysis system of a corpus, a specialized corpus in particular.	G06F 17/27
	Dt : 12/12/2003	Dt : 28/05/2002					
1435	02178/DELNP/2003	PCT/GB02/02872	0115515.9 dt. 25/6/2001 GB	Neherlands	Fefrring BV, of Polaris Avenue 144, NL-2132 JX Hoofddorp, The Netherlands.	Oxytocin Agonists.	C07D 487/00
	Dt : 15/12/2003	Dt : 24/06/2002					
1436	02179/DELNP/2003	PCT/EP02/06974		United States of America	Motorola, Inc, of 1303 E. Algonquin Road, Schaumburg, Illinois 60196, USA.	Method and apparatus for determining a multicast group in a composite radio environment.	H04B 7/26
	Dt : 15/12/2003	Dt : 24/06/2002					

1437	02180/DELNP/2003 Dt : 15/12/2003	PCT/FR02/02499 Dt : 15/07/2002	01/09576 dt. 16/7/2001	France	Sanofi-Synthelabo, of 174, Avwenue de france, F-75013 Paris, France,	Method for preparing 4-amino-4-phenylpiperidines.	C07D 211/58
1438	02181/DELNP/2003 Dt : 15/12/2003	PCT/FR02/02498 Dt : 15/07/2002	01/09575 dt. 16/7/2001	France	Sanofi-Synthelabo, of 174, Avwenue de france, F-75013 Paris, France,	Method for preparing 4-methylamino-4-phenylpiperidine.	C07D 211/58
1439	02182/DELNP/2003 Dt : 15/12/2003	PCT/JP02/04316 Dt : 30/04/2002	200/-190409 dt. 22/6/2001	Japan	Asahi carbon co., Ltd, of 2, Kamomeshimacho, Niigata-shi, Niigata 950-0883,Japan.	Carbon black reactor.	C09C 1/50
1440	02183/DELNP/2003 Dt : 15/12/2003	PCT/FR02/02500 Dt : 15/07/2002	01/10359 dt. 17/7/2001	France	Sanofi-Synthelabo, of 174, Avwenue de france, F-75013 Paris, France,	1-Phenylsulphonyl-1,3-dihydro-2H-indol-2-one derivatives, their preparation and their therapeutic application.	C07D 401/12
1441	02184/DELNP/2003 Dt : 15/12/2003	PCT/US02/16308 Dt : 22/05/2002		United States of America	The Government of the United States of America, at National Institute of Health, Office of technology transfer, 6011 Executive Blvd,. Suite 325, Rockville, MD 20852-3804,USA.	Development of Mutations Useful fot attenuating dengue viruses and chimeric dangue viruses.	C12Q 1/70
1442	02185/DELNP/2003 Dt : 15/12/2003	PCT/KR02/01066 Dt : 05/06/2002	39881/2001 dt. 4/7/2001	Korea	SIM, Man-Gu, 222-4, Gyerim2-dong, Dong-gu, Kwangju-city, Korea ROC.	Board and board composition and manufacturing method using vegetational grinding materials and clay.	C04B 14/10
1443	02186/DELNP/2003 Dt : 15/12/2003	PCT/US02/16216 Dt : 23/05/2002	09/870,853 dt. 31/5/2001	United States of America	Air Products and Chemicals, Inc. of 7201 Hamilton boulevard, Allentown, PA 18195, USA.	An apparatus and method for machining with cryogenically cooled oxide-Containing Creamic cutting tools.	B23Q 11/10
1444	02187/DELNP/2003 Dt : 15/12/2003	PCT/us02/18826 Dt : 12/06/2002	09/880,974 dt. 14/6/2001	United States of America	CRS Holdings, Inc,, of 209F, Baynarde Building , 3411 Silverside Road, wilmington, DE 19810, USA.	Corrosion resistant magnetic alloy, an article therefrom and a method of using	M01F 1/147

						same.	
1445	02188/DELNP/2003 Dt : 16/12/2003	PCT/EP02/05434 Dt : 01/01/1900	10125299.4 dt 16.05.2001	Germany	lutz schulze, theodor francke str.5, 12099, Berlin, Germany	wind turbine comprising a vertical axis	
1446	02189/DELNP/2003 Dt : 16/12/2003	PCT/SE02/01375 Dt : 11/07/2002	0102539.4 dt 16/7/2001	Sweden	Ragne Svadil and Ove Wihk, of Tradgardsgatan 22, S-172 38 Sundbyberg, Sweden and Virebergsvagen 26, S-171 40 Solna, Sweden.	An Air Cleaner.	B03C 3/32
1447	02190/DELNP/2003 Dt : 16/12/2003	PCT/GB02/02673 Dt : 17/06/2002	0114896.4 dt. 16/9/2001	England	Bp Solar Limited, of Bp House Breakspear Way, Hemel Hempstead, Hertfordshire HP2 4UL, England.	Process for manufacturing a solar.	H01L 31/18
1448	02191/DELNP/2003 Dt : 16/12/2003	PCT/GB02/02427 Dt : 10/06/2002	0113606.8 and 0200437.2 dt. 8/6/2001 &10/1/2002	United Kingdom	Smith & Nephew Plc., of 15 Adam Street, London WC2N 6LA, UK.	Bmp binding proteins for use in bone or cartilage regeneration.	C12N 15/18
1449	02192/DELNP/2003 Dt : 16/12/2003	PCT/IB02/01906 Dt : 12/05/2003	B02002A 000284 dt. 14/5/2002	Italy	I.M.A Industria Macchine Automatiche S.p.a. of Via Emilia Levante, 428-442, 40064 Ozzano Emilia, Bologna, Italy.	A capsule filling Machine.	A61J 3/07
1450	02193/DELNP/2003 Dt : 16/12/2003	PCT/US02/18544 Dt : 10/06/2002	60/299,009 and 10/165,380 dt. 18/6/2001 & 7/6/2002	United States of America	Anabonix, Inc., C/o Kutak Rock LLP, 425 west capital avenue, suite 1100, little rock, AR 72201, US. and Trustees of the University of arkansas, of 2404 north University avenue,little rock AR 72207-3608 US.	Bone anabolic compounds and methods of use.	A61K
1451	02194/DELNP/2003 Dt : 16/12/2003	PCT/SE01/01436 Dt : 21/06/2001		Sweden	Forsvarets Materielverk, of S-115 88 Stockholm,Sweden.	Device for reducing the signature of hot exhausting gases.	B60K 13/04
1452	02195/DELNP/2003 Dt : 16/12/2003	PCT/GB02/03012 Dt : 28/06/2002	0115893.0 dt. 28/6/2001	France	Sanofi-Synthelabo, of 174, Avwenue de france, F-75013 Paris, France,	Formulations.	A61P 35/00
1453	02196/DELNP/2003	PCT/FR02/01726	01/06,731 dt.	France	Galderma Research &	Vitamin D Analogues.	C07C 33/28

	Dt : 16/12/2003	Dt : 22/05/2002	22/5/2001		Development S.N.C., of 635 route des lucioles, F-0656 Sophia-Antipolis, France.		
1454	02196/DELNP/2003 Dt : 16/12/2003	PCT/FR02/01726 Dt : 22/05/2002	01/06,731 dt. 22/5/2001	France	Galderma Research & Development S.N.C., of 635 route des lucioles, F-0656 Sophia-Antipolis, France.	Vitamin D Analogues.	C07C 33/28
1455	02197/DELNP/2003 Dt : 17/12/2003	pct/ib02/01648 Dt : 01/01/1900	143217	Israel	Cellnet Solutions Ltd., hametzuda St. 29, 58001 Azur (il) Israel	system and method for communication using public telephones	H04M 3/436
1456	02197/DELNP/2003 Dt : 17/12/2003	pct/ib02/01648 Dt : 01/01/1900	143217	Israel	Cellnet Solutions Ltd., hametzuda St. 29, 58001 Azur (il) Israel	system and method for communication using public telephones	H04M 3/436
1457	02198/DELNP/2003 Dt : 17/12/2003	PCT/EP02/06342 Dt : 10/06/2002	60/301250	Swaziland	UCB FRACHIM SA; Z.I.Planchy; Chemin de Croix Blanche, 10; C.P. 411; CH-1630 Bule,Switzerland	TABLET COMPRISING CETIRIZINE AND PSEUDOEPHEDRINE	A61K 9/20
1458	02198/DELNP/2003 Dt : 17/12/2003	PCT/EP02/06342 Dt : 10/06/2002	60/301250	Swaziland	UCB FRACHIM SA; Z.I.Planchy; Chemin de Croix Blanche, 10; C.P. 411; CH-1630 Bule,Switzerland	TABLET COMPRISING CETIRIZINE AND PSEUDOEPHEDRINE	A61K 9/20
1459	02199/DELNP/2003 Dt : 17/12/2003	PCT/EP02/07084 Dt : 26/06/2002	0102273-0	Sweden	MEDIVIR AB, Lunastigen, 7,S-14940 Huddinge, Sweden	IMPROVED SYNTHESIS OF BRANCHED ACYCLIC NUCLEOSIDES	C07D 473/00
1460	02199/DELNP/2003 Dt : 17/12/2003	PCT/EP02/07084 Dt : 26/06/2002	0102273-0	Sweden	MEDIVIR AB, Lunastigen, 7,S-14940 Huddinge, Sweden	IMPROVED SYNTHESIS OF BRANCHED ACYCLIC NUCLEOSIDES	C07D 473/00
1461	02200/DELNP/2003 Dt : 17/12/2003	PCT/US02/19955 Dt : 24/06/2002	09/891674, 10/052058, 60/365902, 60/365981	United States of America	Exxonmobil Chemical Patents, Inc., 5200 Bayway Drive, Baytwon, Texas 77520-2101, USA	MOLECULAR SIEVE CATALYST COMPOSITION, ITS MAKING AND USE IN CONVERSION	B01J 29/85

						PROCESSES	
1462	02200/DELNP/2003 Dt : 17/12/2003	PCT/US02/19955 Dt : 24/06/2002	09/891674, 10/052058, 60/365902, 60/365981	United States of America	Exxonmobil Chemical Patents, Inc., 5200 Bayway Drive, Baytwon, Texas 77520-2101, USA	MOLECULAR SIEVE CATALYST COMPOSITION, ITS MAKING AND USE IN CONVERSION PROCESSES	B01J 29/85
1463	02201/DELNP/2003 Dt : 17/12/2003	PCT/GB02/03168 Dt : 10/07/2002	0116815.2	United Kingdom	Amersham PLC, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA, England and Hammersmith Imanet Limited, Cyclotron Building, Hammersmith Campus, DuCane Road, london W12 0NN, England.	IMPROVED CHELATOR CONJUGATES	A61K 51/00
1464	02201/DELNP/2003 Dt : 17/12/2003	PCT/GB02/03168 Dt : 10/07/2002	0116815.2	United Kingdom	Amersham PLC, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA, England and Hammersmith Imanet Limited, Cyclotron Building, Hammersmith Campus, DuCane Road, london W12 0NN, England.	IMPROVED CHELATOR CONJUGATES	A61K 51/00
1465	02202/DELNP/2003 Dt : 17/12/2003	PCT/US02/22466 Dt : 11/07/2002	09/904,672 dt. 13/7/2001 USA	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221, USA	Panel seal for an air handling unit.	F24F
1466	02202/DELNP/2003 Dt : 17/12/2003	PCT/US02/22466 Dt : 11/07/2002	09/904,672 dt. 13/7/2001 USA	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221, USA	Panel seal for an air handling unit.	F24F
1467	02203/DELNP/2003 Dt : 17/12/2003	PCT/US02/22467 Dt : 11/07/2002	09/904,673 dt. 13/7/2001 USA	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221, USA	Locking mechanism for air handler (AHU) Cabinet.	F16B 7/22
1468	02203/DELNP/2003 Dt : 17/12/2003	PCT/US02/22467 Dt : 11/07/2002	09/904,673 dt. 13/7/2001 USA	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221,	Locking mechanism for air handler (AHU) Cabinet.	F16B 7/22

					USA		
1469	02204/DELNP/2003 Dt : 17/12/2003	PCT/US02/22468 Dt : 11/07/2002	09/905,233 &09/904,676 DT. 13/7/2001,13/7/2001	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221, USA	Thermal Barrier for air Handling Unit (AHU) cabinet.	F24F 13/20
1470	02204/DELNP/2003 Dt : 17/12/2003	PCT/US02/22468 Dt : 11/07/2002	09/905,233 &09/904,676 DT. 13/7/2001,13/7/2001	United States of America	Carrier Corporation, Carrier Parkway, P.O.Box 4800, Syracuse, New York 13221, USA	Thermal Barrier for air Handling Unit (AHU) cabinet.	F24F 13/20
1471	02205/DELNP/2003 Dt : 17/12/2003	PCT/EP02/06922 Dt : 04/06/2002	09/885,853 dt. 20/6/2001 USA	United States of America	International Business Machines Corporation, Armonk, New York 10504, USA	Extension of fatigue life for C4 solder ball in a chip to substrate connection.	H01L 21/60
1472	02206/DELNP/2003 Dt : 17/12/2003	PCT/US02/19350 Dt : 18/06/2002	09/886,756 dt. 21/6/2001 USA	Denmark	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA and Dandy A/S Dandyvej 19, DK-7100 Vejle, Denmark.	Chewing gum to control malodorous breath.	A23G 3/30
1473	02207/DELNP/2003 Dt : 17/12/2003	PCT/US02/19349 Dt : 18/06/2002	09/886,901 dt. 21/6/2001 USA	United States of America	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA	Tooth Whitening chewing gum.	A23G 3/30
1474	02208/DELNP/2003 Dt : 17/12/2003	PCT/GB02/02961 Dt : 27/06/2002	09/897,868 dt. 2/7/2001 USA	United States of America	International Business Machines Corporation, Armonk, New York 10504, USA	Structure and method of fabricating embedded vertical DRAM arrays with silicided bitiline and polysilicon interconnect.	H01L 27/108
1475	02209/DELNP/2003 Dt : 18/12/2003	PCT/US02/16555 Dt : 28/05/2002	60/293,231 & 60/331,037 dt. 25/5/2001 & 7/11/2001 USA	United States of America	Duke University, Science and Technology, P.O.Box 90083 Durham, NC 27708-0083, USA	Modulators of pharmacological agents.	C07H 21/04
1476	02210/DELNP/2003 Dt : 18/12/2003	PCT/IL02/00517 Dt : 27/06/2002	09/893,344 dt. 28/6/2001 USA	Israel	Yeda Research and Development Co. Ltd., Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot, Israel.	Use of poly-glu, tyr and T cells treated therewith for neuroprotection therapy.	A61K 38/16

1477	02211/DELNP/2003 Dt : 18/12/2003	PCT/KR03/00830 Dt : 24/04/2003	22392/2002 & 8263/2003 dt. 24/4/2002 & 10/2/2003 Korea.	Korea	Samsung Electronics Co. Ltd., 416, Maetan-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Korea.	Apparatus and method for supporting automatic repeat request in a high-speed wireless packet data communication system.	H04L 1/18
1478	02212/DELNP/2003 Dt : 18/12/2003	PCT/US02/20138 Dt : 26/06/2002	60/300,986 & 60/313,660 dt. 26/6/2001 & 20/8/2001 US	United States of America	MDS Proteomics, Inc., 6 England Executive Park, Suite 400, Burlington, MA 01803, US	Methods and system for identifying kinases, phosphatases and substrates thereof.	C12N 9/12
1479	02213/DELNP/2003 Dt : 18/12/2003	PCT/US02/18904 Dt : 13/06/2002	09/882,870 dt. 15/6/2001 USA	United States of America	Honeywell International Inc., 101 Columbia Avenue, P.o. Box 2245, Morristown, New Jersey 07960, USA	Cautious optimization strategy for emission reduction.	F23N 5/00
1480	02214/DELNP/2003 Dt : 18/12/2003	PCT/FR02/02019 Dt : 13/06/2002	01/08,248 dt. 22/6/2001 France.	France	Rhodia Polyamide Intermediates, Avenue Ramboz, BP 33, F-69192 Saint Fons, France.	Process for the hemihydrogenation of dinitriles to aminonitriles.	C07C 253/30
1481	02215/DELNP/2003 Dt : 18/12/2003	PCT/FR02/02023 Dt : 13/06/2002	01/08,245 dt 22/6/2001 France.	France	Rhodia Polyamide Intermediates, Avenue Ramboz, BP 33, F-69192 Saint Fons, France.	Method for the hemihydrogenation of dinitriles in order to form aminonitriles.	C07C 253/30
1482	02216/DELNP/2003 Dt : 18/12/2003	PCT/SE02/01180 Dt : 18/06/2002	0102409-0 dt 5/7/2001 Sweden.	Sweden	Haldex Traction AB, Box 505, 261 24 Landskrona, Sweden.	A ball arrangement in a torque transmitting device.	F16D 43/21
1483	02217/DELNP/2003 Dt : 18/12/2003	PCT/GB02/02773 Dt : 17/06/2002	0114635.6, 0122036.7, 0124707.1, 0127116.2, 0206018.4, 0207852.5 dt. 15/6/2001, 12/9/2001, 15/10/2002, 12/11/2002, 14/3/2002 & 4/4/2002 UK	England	Hills Numberplates Limited, Unit 6, Junction 6 Industrial Park, 66 Electric Avenue, Witton, Birmingham B6 7JJ, England.	Identification plates.	B60R 13/10

1484	02218/DELNP/2003 Dt : 18/12/2003	PCT/NO02/00250 Dt : 07/08/2002	0116815.2 & 20014954 dt. 10/7/2001 & 11/10/2001 UK & Norway.	Norway	Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401, Oslo, Norway.	Peptide-based compounds.	C07K 7/00
1485	02219/DELNP/2003 Dt : 18/12/2003	PCT/US02/20545 Dt : 28/06/2002	60/302,455 & 10/184,286 dt. 29/6/2001 & 27/6/2002 USA	United States of America	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA	Apparatus and method for implementing text based compression using cache and blank approach.	H04L 29/06
1486	02220/DELNP/2003 Dt : 18/12/2003	PCT/US02/21168 Dt : 02/07/2002	09/899,518 dt. 5/7/2001 USA	United States of America	Millennium Specialty Chemicals, Inc., 601 Crestwood Street, Building 68, Jacksonville, FL-32208, USA	Catalyst system and process for rearrangement of epoxides to allylic alcohols.	C07C 29/56
1487	02221/DELNP/2003 Dt : 19/12/2003	PCT/CN02/00304 Dt : 29/04/2002	011225254.4 dt. 27/6/2001 China.	China	Huawei Technologies Co. Ltd., Huawei Service Center Building, Kefa Road, Science-based Industrial Park, Nanshan District, Shenzhen 518057, Guangdong P.R. China.	A method for a device to obtain IP address automatically.	H04Q 7/30
1488	02222/DELNP/2003 Dt : 19/12/2003	PCT/CA02/00938 Dt : 01/01/1900	60/301316, 60/311971	Canada	NORTEL NETWORKS LIMITED, 2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT,QUEBEC H4S 2A9,CANADA	APPARATUS AND METHOD FOR MAPPING INFORMATION WITHIN WIRELESS NETWORKS	H04Q 7/38
1489	02222/DELNP/2003 Dt : 19/12/2003	PCT/CA02/00938 Dt : 01/01/1900	60/301316, 60/311971	Canada	NORTEL NETWORKS LIMITED, 2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT,QUEBEC H4S 2A9,CANADA	APPARATUS AND METHOD FOR MAPPING INFORMATION WITHIN WIRELESS NETWORKS	H04Q 7/38
1490	02223/DELNP/2003 Dt : 19/12/2003	PCT/CA02/00941 Dt : 01/01/1900	60/301312, 60/342051	Canada	NORTEL NETWORKS LIMITED, 2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT,QUEBEC H4S	APPARATUS AND METHOD FOR TRANSMISSIONH RATE	H04Q 7/22

					2A9,CANADA	MANAGEMENT WITHIN WIRELESS NETWORKS	
1491	02224/DELNP/2003 Dt : 19/12/2003	PCT/JP02/06141 Dt : 20/06/2002	2001-187105, 2001-243046, 2001-311808, 2001-398708, PCT/JP02/02683	Japan	DAIICHI PHARMACEUTICAL CO., LTD., 14-10, NIHONBASHI 3-CHOME, CHUO-KU, TOKYO 103-8234,JAPAN	DIAMINE DERIVATIVES	C07D 401/12
1492	02225/DELNP/2003 Dt : 19/12/2003	PCT/NZ02/00113 Dt : 19/06/2002	512454 & 518776 dt. 19/6/2001 & 7/5/2002 New Zealand.	Singapore	Paxflow Holdings Pte Ltd's, 151 Chin Swee Road, Manhattan House #04-02, Postal Code 169876, Singapore.	Location, communicatiion and tracking systems.	G06F 15/00
1493	02226/DELNP/2003 Dt : 22/12/2003	PCT/US02/19886 Dt : 21/06/2002	60/300,360 & 10/176,022 dt. 22/6/2001 & 20/6/2002 US	United States of America	Glycogenesis, Inc., USA, 31 St. James Avenue, 7th Floor, Boston, MA 02116 (US)	Method and material for treating immune diseases.	A61K
1494	02227/DELNP/2003 Dt : 22/12/2003	PCT/US02/19885 Dt : 21/06/2002	60/299,991 & 10/176,235 dt. 21/6/2001 & 20/6/2002 US	United States of America	Glycogenesis, Inc., USA, 31 St. James Avenue, 7th Floor, Boston, MA 02116 (US)	Methods for enhancing the effectiveness of cancer therapies.	
1495	02228/DELNP/2003 Dt : 22/12/2003	PCT/US02/18471 Dt : 07/06/2002	09/877,981 dt. 8/6/2001 USA	United States of America	UOP LLC, 25 East Algonquin Road, Des Plaines, Illinois 60017-5017, USA	Stripping process and apparatus.	B01J 20/00
1496	02229/DELNP/2003 Dt : 22/12/2003	PCT/FR02/02212 Dt : 26/06/2002	01/08798 dt. 3/7/2001 France.	France	Acetex Chimie, 164 bis avenue du General de Gaulle, 92205 Neuilly sur seine, France.	Improvement to the methods for the continuous production of acetic acid and/or methyl acetate.	G01N 35/08
1497	02230/DELNP/2003 Dt : 22/12/2003	PCT/GB02/03387 Dt : 23/07/2002	60/307,548 dt. 24/7/2001 USA	United States of America	Advanced Biotechnologies, 3100 Bucklin Hill Road, Suite 220, Silverdale, WA 98383, USA	Topical pharmaceutical formulation.	A61K 7/34
1498	02231/DELNP/2003 Dt : 22/12/2003	PCT/BR02/00084 Dt : 17/06/2002	PI 0103672-6 dt. 19/6/2001 Brazil	Brazil	Amarlal Guido, Rua Luis Alberto Martins, 190, 05530-030 Sao Paulo-SP-Brazil.	A blank modular book to be enclosed in an artistic ase to be filled out in writing by the members of	B42D 3/04

						successive generations of the same family during a long time.	
1499	02232/DELNP/2003 Dt : 22/12/2003	PCT/JP02/06630 Dt : 01/07/2002	2001-204322 dt. 5/7/2001 Japan.	Japan	Matsushita Electric Industrial Co. Ltd., 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501, Japan.	Recording apparatus, medium, method and related computer program.	G06F 3/00
1500	02233/DELNP/2003 Dt : 22/12/2003	PCT/US02/20384 Dt : 25/06/2002	09/888,720 & 10/183,859 dt. 25/6/2001 & 25/6/2002 USA	United States of America	AFP Advanced food Products LLC, 402, South custer Avenue, New Holland, PA 17557, US	Imitaion cheese compositions and method of producing such compositions.	A23C 19/00
1501	02234/DELNP/2003 Dt : 22/12/2003	PCT/FR02/02338 Dt : 04/07/2002	01/10250 dt. 31/7/2001 France.	France	Validy, Zone Industrielle, 5, Rue Jean Charcot, F-26100 Romans Sur Isere France.	Method to protect software against unwanted use with a variable principle.	G06F 12/14
1502	02235/DELNP/2003 Dt : 22/12/2003	PCT/US02/18986 Dt : 17/06/2002	09/900,369 dt. 6/7/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex, France.	Color cathode ray tube having a detensioning mask frame assembly..	H01J 29/07
1503	02236/DELNP/2003 Dt : 22/12/2003	PCT/FR02/02339 Dt : 04/07/2002	01/10247 dt. 31/7/2001 France.	France	Validy, Zone Industrielle, 5, Rue Jean Charcot, F-26100 Romans Sur Isere France.	Method to protect software against unwanted use with a termporal dissociation principle.	G06F 12/14
1504	02237/DELNP/2003 Dt : 22/12/2003	PCT/US02/23146 Dt : 19/07/2002	09/909,486 dt. 20/7/2001 USA	United States of America	The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, OH 45202, US	High-elongation apertured nonwoven web and method for making.	D04H
1505	02238/DELNP/2003 Dt : 22/12/2003	PCT/US02/22556 Dt : 12/07/2002	60/305,243 dt. 13/7/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex, France.	Digital audio/video broadcast on cellular systems.	H04M
1506	02239/DELNP/2003 Dt : 22/12/2003	PCT/US02/19305 Dt : 19/06/2002	09/904,164 dt. 12/7/2001 USA	France	Thomson Licensing S.A., 46, Quai A. Le Gallo, F-92648 Boulogne Cedex, France.	Modifying video by inserting shadow intra pictures.	H04N 5/91
1507	02240/DELNP/2003	PCT/EP02/05669	101 27 581.1 & 102 12 098.6 dt.	Germany	Schering Aktiengesellschaft. Mullerstrasse 178, 13342	CDK Inhibiting pyrimidines.	C07D 239/48

	Dt : 22/12/2003	Dt : 23/05/2002	29/5/2001 & 11/3/2002 Germany.		Berlin, Germany.	production thereof and their use as medicaments.	
1508	02241/DELNP/2003 Dt : 22/12/2003	PCT/US02/19767 Dt : 21/06/2002	09/886,666 dt. 21/6/2001 USA	Swaziland	Medicines for Malaria Venture, International Centre Cointrin, Entrance G, 3rd Floor, Route de Pre-Bois 20, Post Box 1826, CH-1215, Geneva 15, Switzerland.	Spiro and dispiro 1,2,4-trioxolane antimalarials.	C07D 323/02
1509	02242/DELNP/2003 Dt : 23/12/2003	PCT/EP02/004436 Dt : 23/04/2002	012 01 958.4 dt. 23/5/2001	Switzerland	Societe Des Produits Nestle S.A. of P.O. Box 353, Ch-1800 vevey, Switzerland.	Lipoteichoic acid from lactic acid bacteria and its use to modulate immune responses mediated by gram-negative bacteria, potential pathogenic gram-positive bacteria.	A61K 35/74
1510	02243/DELNP/2003 Dt : 23/12/2003	PCT/EP02/06095 Dt : 31/05/2001	09/681,795 dt. 6/6/2001	Switzerland	Nestec Ltd, of avenue Nestle 55, 18oo Vevey, Switzerland.	Calorically dense liquid oral supplement.	A23L 1/29
1511	02244/DELNP/2003 Dt : 23/12/2003	PCT/GB02/03029 Dt : 01/07/2002	60/302717, 03/07/2001, USA	United States of America	AVECIA BIOTECHNOLOGY INC., 155 FORTUNE BOULEVARD , MILFORD,MASSACHUSETTS 01757,USA	ACTIVATORS FOR OLIGONUCLEOTIDE SYNTHESIS	C07D 275/06
1512	02245/DELNP/2003 Dt : 23/12/2003	PCT/US02/21048 Dt : 03/07/2002	60/303450, 06/07/2001, USA	United States of America	COMPUTER ASSOCIATES THINK INC., ONE COMPUTER ASSOCIATES PLAZA, ISLANDIA, NEW YORK 11749, USA	SYSTEMS AND METHODS OF INFORMATION BACKUP	H04L
1513	02246/DELNP/2003 Dt : 23/12/2003	PCT/US02/21051 Dt : 03/07/2002	60/303450, 06/07/2001, USA	United States of America	COMPUTER ASSOCIATES THINK, INC., ONE COMPUTER ASSOCIATES PLAZA, ISLANDIA, NEW YORK 11749, USA	SYSTEMS AND METHODS OF INFORMATION BACKUP	G06F
1514	02247/DELNP/2003	PCT/US02/21509	60/304686, 11/07/2001 USA,	United States of	KENNAMETAL INC., P.O. BOX 231, 1600	ERROR PROOFING METHOD AND	B23B 29/04

	Dt : 23/12/2003	Dt : 09/07/2002	10/190969, 08/07/2002, USA	America	TECHNOLOGY WAY,LATROBE, PENNSYLVANIA 15650-0231 USA	APPARATUS FOR CUTTING TOOLS	
1515	02248/DELNP/2003 Dt : 23/12/2003	PCT/US02/20162 Dt : 25/06/2002	60/300878, 26/06/2001, USA	United States of America	VIASYSTEMS GROUP , INC., 101 SOUTH HANELY ROAD, SUITE 4001, ST. LOUIS, MISSOURI 63105, USA	BENDING AN OPTICAL FIBER INTO A BACKPLANE	G02B 6/00
1516	02249/DELNP/2003 Dt : 23/12/2003	PCT/JP03/04769 Dt : 15/04/2003	2002-116593,2002-230249 and 2002-204286 dt. 18/4/02,18/10/02 and 18/10/02	Japan	The Furukawa Battery Co. Ltd., of 4-1, Hoshikawa 2-chome, hodogaya-ku, yokoharna-shi, kanagawa 240-0006, Japan and Toho zinc Co,, Ltd, Japan,.	Lead-based alloy for lead-acid battery, substrate for lead-acid battery and lead-acid battery.	H01M 4/68
1517	02250/DELNP/2003 Dt : 23/12/2003	PCT/GB02/02830 Dt : 20/06/2002	0115704.9 dt. 27/6/2001		Winapex Ltd,, lof Jipfa building, Main ?Street, P.O. Box 181, Road Town, Tortola, VG	Centering Device.	E21B 17/10
1518	02251/DELNP/2003 Dt : 23/12/2003	PCT/US02/20672 Dt : 28/06/2002	60/301,278 dt. 28/6/2001	United States of America	Entelos,Inc, of 110 Marsh Drive, Foster City, California 94404,USA.	Method and apparatus for computer modeling of an adaptive immune response.	G06G 7/60
1519	02252/DELNP/2003 Dt : 23/12/2003	PCT/US02/13489 Dt : 01/05/2002	09/891674, 25/06/2001, USA	United States of America	EXXONMOBIL CHEMICAL PATENTS INC., 5200 BAYWAY DRIVE, BAYTOWN, TX 77520-2101, USA	HYDROCARBON CONVERSION PROCESSES USING NON-ZEOLITIC MOL;ECULER SIEVE CATALYSTS	B01J 29/85
1520	02253/DELNP/2003 Dt : 23/12/2003	PCT/US02/19869 Dt : 24/06/2002	09/891674, 25/06/2001, USA, 10/052058, 17/01/2002,USA, 60/365902, 20/03/2002,USA, 60/365981, 20/03/2002, USA	United States of America	EXXONMOBIL CHEMICAL PATENTS INC., 5200 BAYWAY DRIVE, BAYTOWN, TX 77520-2101, USA	MOLECULER SIEVE CATALYSTS COMPOSITONS, ITS MAKING AND URS IN CONVERSION PROCESSES	B01J 29/85
1521	02254/DELNP/2003	PCT/CN02/00433	011 29691.7 & 02100198.7 dt.	China	Baoshun LIU, RM. 101, No. 10, Dong Sheng Yuan, Cheng	A new compound for the treatment of	C07D 487/04

	Dt : 24/12/2003	Dt : 21/06/2002	29/6/2001 & 18/1/2002 China		Fu Rd., Haidian District, Beijing 100083, China.	impotence.	
1522	02255/DELNP/2003	PCT/GB02/03206		England	BP Chemicals Limited, Britannic House, 1, Finsbury Circus, London EC2M 7BA, England.	Polymerisation control process.	C08F 10/02
	Dt : 24/12/2003	Dt : 15/07/2002					
1523	02256/DELNP/2003	PCT/US02/16981	60/294,406, 60/297,627 & 60/309,591 dt. 30/5/2001, 12/6/2001 & 2/8/2001 USA	United States of America	Hydro Municipal Technologies, Ltd., 53 Hilda Church Road, Mason, Texas 76856, USA	A fluid treatment apparatus.	C02F 1/30
	Dt : 24/12/2003	Dt : 30/05/2002					
1524	02257/DELNP/2003	PCT/AU02/00866	PR 6024 dt. 29/6/2001 Australia.	United States of America	Smart Drug Systems Inc., 181 South Broad Street, Suite 102, Pawcatuck, CT 06379, USA	Sustained release delivery systems.	A61K 9/58
	Dt : 24/12/2003	Dt : 01/07/2002					
1525	02258/DELNP/2003	PCT/AU02/00865	PR 6025 dt. 29/6/2001 Australia.	United States of America	Smart Drug Systems Inc., 181 South Broad Street, Suite 102, Pawcatuck, CT 06379, USA	Sustained release pharmaceutical composition.	A61K9/58
	Dt : 24/12/2003	Dt : 01/07/2002					
1526	02259/DELNP/2003	PCT/GB02/02997	09/894,890 & 10/096,912 dt. 29/6/2001 & 14/3/2002 USA	France	Upaid Systems Ltd., 19, Rue de Teheran, 75008, Paris, France.	Covergent Communications platform and method for mobile and electronic commerce in a heterogeneous network environment.	G06F 17/60
	Dt : 24/12/2003	Dt : 28/06/2002					
1527	02260/DELNP/2003	PCT/US02/20395	60/301,125 dt. 28/6/2001 USA	United States of America	Biowhittaker, Inc., 8830 Biggs Ford Road, Walkersville, MD 21793 USA	Methods and reagents for detecting endotoxin.	C07K 1/00
	Dt : 24/12/2003	Dt : 28/06/2002					
1528	02261/DELNP/2003	PCT/FR02/02342	0110245 dt. 31/7/2001 France.	France	Validy, Zone Industrielle,5, Rue Jean Charcot, F-26100 Romans Sur Isere, France.	Method to protect software against unwanted use with a 'conditional branch' principle.	G01F 1/00
	Dt : 24/12/2003	Dt : 04/07/2002					
1529	02262/DELNP/2003	PCTFR02/02344	01/10241 dt. 31/7/2001 France.	France	Validy, Zone Industrielle,5, Rue Jean Charcot, F-26100 Romans Sur Isere, France.	Method to protect software against unwated use with a 'elementary functions'	
	Dt : 24/12/2003	Dt : 04/07/2002					

						principle.	
1530	02263/DELNP/2003 Dt : 24/12/2003	PCT/FR02/02343 Dt : 04/07/2002	01/10244 dt. 31/7/2001 France.	France	Validy, Zone Industrielle,5, Rue Jean Charcot, F-26100 Romans Sur Isere, France.	Method to protect software against unwanted use with a 'detection and coercio' principle.	G06F
1531	02264/DELNP/2003 Dt : 24/12/2003	PCT/FR02/02340 Dt : 04/07/2002	01/10246 dt. 31/7/2001 France.	France	Validy, Zone Industrielle,5, Rue Jean Charcot, F-26100 Romans Sur Isere, France.	Method to protect software against unwanted use with a 'renaming' principle.	G06F 1/00
1532	02265/DELNP/2003 Dt : 24/12/2003	PCT/FR02/02566 Dt : 18/07/2002	01.10094 dt. 27/7/2001 France.	France	Gattefosse Holding, 36 Chemin de Genas, 69800 Saint Priest, France.	Pharmaceutical composition for oral use comprising an active principle liable to undergo a large first intestinal passage effect.	A61K
1533	02266/DELNP/2003 Dt : 26/12/2003	PCT/US02/10536 Dt : 03/04/2002	09/891,003 dt. 25/6/2001 USA	United States of America	Power Systems Mfg., LLC, Suite 200, 1440 West Indiantown Road, Jupiter, FL33458, USA	Means for wear reduction in a gas turbine combustor.	F02C7/00
1534	02267/DELNP/2003 Dt : 26/12/2003	PCT/US02/21442 Dt : 08/07/2002	09/910,506 dt. 19/7/2001 USA	United States of America	Miner Enterprises, Inc., 1200 East State Street, P.O. Box 471, Geneva, Illinois 60134, USA	Draft gear for a reduced-slack drawbar assembly.	B61G9/00
1535	02268/DELNP/2003 Dt : 26/12/2003	PCT/NO02/00225 Dt : 24/06/2002	2001 3188 dt. 25/6/2001 Norway.	Swaziland	Alstom [Switzerland] Ltd., Brown Boveri Strasse 7, CH-5401, Baden, Switzerland.	Process and a device for transport of gas.	F17D1/04
1536	02269/DELNP/2003 Dt : 26/12/2003	PCT/US02/20469 Dt : 26/06/2002	09/891,994 dt. 26/6/2001 USA	United States of America	Ruud Lighting, Inc., 9201 Washington Avenue, Racine, Wisconsin 53406, USA	Pole mounting system having unique base and method of assembly thereof.	E02D27/00
1537	02270/DELNP/2003 Dt : 26/12/2003	PCT/EP02/06672 Dt : 17/06/2002	0115884.9 dt. 28/6/2001 GB	United States of America	Motorola, Inc., 1303 East Alongquin Road, Schaumburg, Illinois 60196, USA	Video/Image communication with watermarking.	HOUN7/26
1538	02271/DELNP/2003	PCT/EP02/07999	101 35 356.1 d. 20/7/2001 Germany.	Germany	Schering Aktiengesellschaft, Mullerstrasse 178, D-13353	Macrocyclic metal complexes and their	A61K47/48

	Dt : 26/12/2003	Dt : 18/07/2002			Berlin, Germany.	use for the production of conjugates with biomolecules.	
1539	02272/DELNP/2003	PCT/EP02/08000	101 35 355.3 dt. 20/7/2001 Germany.	Germany	Schering Aktiengesellschaft, Mullerstrasse 178, D-13353 Berlin, Germany.	Conjugates of macrocyclic metal complexes with biomolecules and their use for the production of agents for NMR diagnosis and radiodiagnosis as well as radiotherapy.	AGK49/08
	Dt : 26/12/2003	Dt : 18/07/2002					
1540	02273/DELNP/2003	PCT/US02/18388	60/297,282 dt. 12/6/2001 US	United States of America	Wellstat Therapeutics Corporation, 930 Clopper Road, Gaithersburg, MD 20877, USA	Compounds for the treatment of metabolic disorders.	A61K
	Dt : 26/12/2003	Dt : 12/06/2002					
1541	02274/DELNP/2003	PCT/NO02/00198	20012671 & 20021051 dt. 5/6/2001 & 1/3/2002 Norway.	Norway	Naesje, Kjetil, Askevaien 8, N-4314, Sandnes, Norway.	A valve device for a drinking container and a method for using the valve device.	B65D47/24
	Dt : 26/12/2003	Dt : 05/06/2002					
1542	02275/DELNP/2003	PCT/JP02/07688	2001-234537, 2001-245088, 2001-262479, 2001-277306, 2001-292593, 2001-346779 dt. 2/8/2001, 10/8/2001, 30/8/2001, 12/9/2001, 25/9/2001, 12/11/2001 Japan.	Japan	Matsushita Electric Industrial Co. Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan.	Information recording medium, information recording method, information recording apparatus, information reproduction method, and information reproduction apparatus.	G11B20/12
	Dt : 26/12/2003	Dt : 29/07/2002					
1543	02276/DELNP/2003	PCT/AU01/00827	PR5384 dt. 1/6/2001 Australia.	Australia	Khoury, Edward Joseph, 19 Scouler Way, Bateman, Perth, Western Australia 6150, Australia.	Cordless base.	H04M13/514
	Dt : 26/12/2003	Dt : 10/07/2001					
1544	02277/DELNP/2003	PCT/EP02/05441	101 26 133.0 dt. 29/5/2001 Germany.	Germany	Polymer Engineering GmbH, Breitscheidstrasse 148, 07407 Rudolstadt-Schwarza, Germany.	Method for producing high-viscosity or high-stable polycondensates and	C08G69/18
	Dt : 26/12/2003	Dt : 17/05/2002					

						demonomerized PA6.	
1545	02278/DELNP/2003 Dt : 26/12/2003	PCT/US02/20646 Dt : 01/07/2002	09/681,974 dt. 2/7/2001 USA	Norway	Colgate-Palmolive Company, 300 Park Avenue, New York, NY 10022, USA and Jordan, Haavard Martinsens Vei 30, N-0978, Oslo, Norway.	Toothbrush having a bristle pattern which provides enhanced cleaning.	A46B9/04
1546	02279/DELNP/2003 Dt : 26/12/2003	PCT/AU02/00940 Dt : 13/07/2002	PR 6366 dt. 13/7/2001 Australia.	Australia	Ceramic Fuel Cells Limited, 170 Browns Road, Noble Park, Victoria 3174, Australia.	Seal for a fuel cell stack.	H01M2/00
1547	02280/DELNP/2003 Dt : 29/12/2003	PCT/US02/20890 Dt : 01/07/2002	60/302,344 dt. 29/6/2001 USA	United States of America	The Board of Trustees of the Leland Standford Junior University, 1705, EL Camino Real, Palo Alto, California 94306-1106, US	T Cell regulatory genes and methods of use thereof.	A61K39/00
1548	02281/DELNP/2003 Dt : 29/12/2003	PCT/US02/16604 Dt : 01/07/2002	09/893,535 dt. 29/6/2001 USA	United States of America	Ohio Willow Wood Company, 15441 Scioto-Darby Road, mount Sterling, Ohio 43143, USA	System, method, and computer program product for configuring and purchasing a medical device.	G06F
1549	02282/DELNP/2003 Dt : 29/12/2003	PCT/GB02/03001 Dt : 28/06/2002	0116022.5 dt. 29/6/2001 UK	England	ISIS Innovation Limited, Ewert House, Ewert Place, Summertown, Oxford OX2 7SG, England.	Purificaion process.	G01N 33/68
1550	02283/DELNP/2003 Dt : 29/12/2003	PCT/US02/20315 Dt : 26/06/2002	60/302,264, 10/126,312 & 10/171,055 dt. 29/6/2001, 19/4/2002 & 13/6/2002 USA	United States of America	Polyone Corporation, 33587 Walker Road, Avon Lake, Ohio 44012, USA	Blowing agent concentrate.	C08J9/04
1551	02284/DELNP/2003 Dt : 29/12/2003	PCT/IB02/02408 Dt : 24/06/2002	P 0101559 dt. 27/6/2001 Spain	Spain	Laboratorios Vita, S.A., Av. Barcelona 69, 08970 Sant Joan Despi, Spain.	New Derivatives of oxazolidinones as antibactrial agents.	C07D413/14
1552	02285/DELNP/2003 Dt : 29/12/2003	PCT/FR02/02228 Dt : 27/06/2002	01/08,522 dt. 28/6/2001 France.	France	Rhodianyl, 26, Quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex, France.	Thermoplastic polymer, use thereof in polyamide compositions with improved hydrophily	C08L 71/02

1553	02286/DELNP/2003	PCT/US02/20713	09/894,056 dt. 28/6/2001 USA	United States of America	Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, New Jersey 07960, USA	and anti-staticity. Method for removing hystersis from electromechanical actuators.	B60T 13/74
	Dt : 29/12/2003	Dt : 28/06/2002					
1554	02287/DELNP/2003	PCT/US02/17610	60/296,115 dt. 7/6/2001 US	United States of America	ContentGuard Holdings, Inc., 103 Foulk Road, Suite 200-M, Wilmington, DE 19803, USA	Method and apparatus for supporting multiple trust zones in a digital rights management system.	G06F
	Dt : 29/12/2003	Dt : 05/06/2002					
1555	02288/DELNP/2003	PCT/US02/17753	60/296,113, 60/296,117, 60/296,118, 60/331,623, 60/331,624, 60/331,625, 60/331,621 dt. 7/6/2001 & 20/11/2001 US	United States of America	ContentGuard Holdings, Inc., 103 Foulk Road, Suite 200-M, Wilmington, DE 19803, USA	A system and method for managing access and use of resources by verifying conditions and conditions for use therewith.	H04L9/00
	Dt : 29/12/2003	Dt : 07/06/2002					
1556	02289/DELNP/2003	PCT/JP02/06560	2001-200001 , 2002-032845 & 2002-125986 dt. 29/6/2001, 8/2/2002 & 26/4/2002 Japan.	Japan	Miz Co., Ltd., 16-5, Zengyo 1-Chome, Fujisawa-shi, Kanagawa 251-0871, Japan.	Method of antioxidation and antioxident-functioning water.	c02f1/70
	Dt : 29/12/2003	Dt : 28/06/2002					
1557	02290/DELNP/2003	PCT/US02/25149	09/925,962 dt. 9/8/2001 USA	United States of America	Interactive Video Technologies, Inc., 360 Lexington, 3rd Floor, New York, New York 10017, USA	Computer-based multimedia creation, management and deployment platform.	G06F3/00
	Dt : 29/12/2003	Dt : 08/08/2002					
1558	02291/DELNP/2003	PCT/US02/22394	0117395.4 dt. 17/7/2001 GB	United States of America	SB Pharmco Puerto Rico Inc., 105 Ponce de Leon Avenue, One Comptroller Plaza, 00917, Hato Rey, Puerto Rico and Neurocrine Biosciences Inc., 10555 Science Center Drive, San Diego, CA 92121, USA	Chemical compounds.	C07D471/16
	Dt : 30/12/2003	Dt : 15/07/2002					
1559	02292/DELNP/2003	PCT/GB02/02976	0116106.6, 127134.5,	Great Britain	Peter Loan Sinclair, 133 Fort Road, London SE1 5PZ, GB.	Motion assisting apparatus.	A63H 31/08

	Dt : 30/12/2003	Dt : 28/06/2002	0201625.1 & 0210231.7 dt. 30/6/2001, 12/11/2001, 24/1/2002 & 30/5/2002 GB				
1560	02293/DELNP/2003	PCT/US02/17374	60/295,265 dt. 1/6/2001 US	United States of America	Acambis, Inc., 38 Sidney Street, Cambridge, Massachusetts 02139, USA	Chimeric flavivirus vectors.	C07K
	Dt : 30/12/2003	Dt : 31/05/2002					
1561	02294/DELNP/2003	PCT/US02/16595	09/895,620 dt. 29/6/2001 US	United States of America	Kvaerner Oildfield Products, Inc., 1255 North Post Oak Road, Houston, TX 77055, US	Umbilical termination assembly and launching system related application information.	E21B29/12
	Dt : 30/12/2003	Dt : 27/06/2002					
1562	02295/DELNP/2003	PCT/US01/48642	09/898,613 dt. 3/7/2001 USA	United States of America	International Business Machine Corporation, Armonk, New York 10504, USA	Method and apparatus for segmented peer-to-peer computing.	G06F 17/60
	Dt : 30/12/2003	Dt : 17/12/2001					
1563	02296/DELNP/2003	PCT/US02/17851	60/296,114 dt. 7/6/2001 US	United States of America	Contentguard Holdings, Inc., 103, Foulk Road, Suite 200-M, Wilmington, DE 19803, USA	Method and system for subscription digital rights management.	
	Dt : 31/12/2003	Dt : 06/06/2002					
1564	02297/DELNP/2003	PCT/EP02/07477	101 34 038.9 dt. 12/7/2001 Germany.	Germany	HF Arzeimittelforschung GMBH, St., Johannes 5, 59368 Weme, Germany.	Active substance combination for medicamentous therapy of nicotine dependency.	
	Dt : 31/12/2003	Dt : 05/07/2002					

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 671/CAL/2002 A **(22) Date of filing of application** : 02/12/2002

(54) Title of the Invention : "COLOR SORTING APPARATUS FOR GRANULAR OBJECTS WITH FUNCTION TO SORTING OUT FOREIGN MAGNETIC METAL MATTERS"

(51) International classification : B07C 5/342 **(30) Priority Data :** **(31) Document No. 2001-373345** **(32) Date : 06/12/2001** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : SATAKE CORPORATION, AT 7-2, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKHO 101-0021, JAPAN.** **(72) Name of the Inventors :** 1. IKEDA NORIMASA, 2. TANIMOTO HIROSHI.

(57) Abstract : A magnetic ;metal removing device for color sorting apparatus includes a hollow feeding roll (6). Within a hollow portion of the feeding roll, a magnet (9) is arranged such that it closely opposes to a part of an inner surface of the hollow feeding roll to form a magnetic force active surface (6) on the corresponding outer surface of the feeding roll. Magnetic metal mixed in raw granular objects is attracted on the magnetic force active surface. The magnetic force active surface © changes to a magnetic force inactive surface (D) as the feeding roll rotates. The magnetic metal caught on the feeding roll in released from the magnetic force inactive surface (D) and colleted by a collecting device (11).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 672/CAL/2002 A **(22) Date of filing of application** : 03/12/2002

(54) Title of the Invention : "HIGH TEMPERATURE ZIEGLER-NATTA SOLUTION CATALYSTS"

(51) International classification : C08F 4/00, 10/00 **(30) Priority Data :** **(31) Document No. 2, 365, 718** **(32) Date : 18/12/2001** **(33) Name of convention country : CANADA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : NOVA CHEMICALS (INTERNATIONAL) S. A., AT CHEMIN DES MAZOTS 2, 1700 FRIBOURG, SWITZERLAND.** **(72) Name of the Inventors** : JABER, ISAM

(57) Abstract : The present invention provides a Ziegler-Natta catalyst useful in solution processes for the polymerization of olefins having a low amount of aluminium and magnesium. The catalysts of the present invention contain an alkyl silanol and have a molar ration of Si:Ti from 0.25:1 to 4:1. The catalysts are effective for the solution polymerization of olefins at high temperatures.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 673/CAL/2002A **(22) Date of filing of application : 03/12/2002**

(54) Title of the Invention : ELECTROMAGNETIC PUMP APPARATUS IN FUEL SUPPLY APPARATUS FOR TWO-WHEELED VEHICLE"

(51) International classification : F02D 41/00 **(30) Priority Data :** **(31) Document No. 2002-016332** **(32) Date : 25/01/2002** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : KEIHIN CORPORATION, OF 26-2, NISHISHINJUKU 1-CHOME, SHINJUKU-KU, TOKYO, JAPAN.** **(72) Name of the Inventors :** 1. YAMAZOE HIROSHI, 2. ONUMA MICHIO

(57) Abstract : An electromagnetic pump apparatus which can utilize a fuel tank for a conventional fuel supply apparatus with a carburettor, has an excellent property in piping and is suitable for a two-wheeled vehicle, structuring such that a pimp body (1) is provided with an insertion tube portion (1A) extending upward and a mounting flange portion (1B) formed in a side of the insertion tube portion (1A), a housing (10) of a solenoid portion (S) provided with a fixed core (13), a movable core (15) and a coil (11) wound with an electromagnetic coil (12) is mounted to the mounting flange portion (1B), a pump portion (P) constituted of a plunger (8) driven by the solenoid portion (S), a suction side check valve (6) and a discharge side check valve (7) is provided within the pump body (1), a suction passage(4) with the suction side check valve (6) being arranged thereto is open to an upper end portion (1C) of the insertion tube portion (1A) via a pump suction passage (1E), and the insertion tube portion(1A) is inserted into the insertion hole (T3) of the fuel tank (T) and is fastened to an insertion hole tube portion (T4) by a first fastening band (24), whereby the pump suction passage (1E) is open within the fuel tank (T).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 674/CAL/2002A** (22) **Date of filing of application : 05/12/2002**

(54) **Title of the Invention** : "CLAMPING APPARATUS WITH A CLAMPING CHUCK AND A WORK PIECE CARRIER RELEASABLY CONNECTABLE THERETO"

(51) International classification : B23B 5/22, 31/02 **(30) Priority Data :** **(31) Document No. 2001-2318/01** **(32) Date : 19/12/2001** **(33) Name of convention country : SWITZERLAND** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : EROWA AG., OF WINKELSTRASSE 8, CH-5734 REINACH, SWITZERLAND.** **(72) Name of the Inventors :** FRIES KARL

(57) **Abstract** : The clamping apparatus comprises a clamping chuck and a work piece carrier releasably connected thereto. The clamping chuck is provided with a central opening for receiving a clamping pin attached to the work piece carrier. The central opening of the clamping chuck has a conical inserting portion, and the clamping pin has at least one surface portion corresponding in shape to the conical inserting portion, or several surface portions for aligning the clamping pin in X- and/or Y- direction. The clamping chuck comprises a clamping mechanism for clamping the clamping pin. The top of the clamping chuck is provided with at least one surface portion serving as a Z-stop member. The clamping pin is dimensioned such that, prior to activating the clamping mechanism, a gape exists between the flat bottom surface of the work piece carrier and the surface portion of the claming chuck serving as a Z-direction stop member. The clamping pin and/or the region around the central opening of the clamping chuck is/are adapted to be elastically deformed upon activation of the clamping mechanism to further pull in the clamping pin into the central opening and simultaneously the work piece carrier towards the surface portion serving as a Z-direction stoop member until the flat bottom surface of the work piece carrier rests on the surface portion of the clamping chuck serving as a Z-direction stop member.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 675/CAL/2002A **(22) Date of filing of application : 04/12/2002**

(54) Title of the Invention : AN AXLE COUNTER ASSEMBLY ATTACHED TO THE AXLE OF THE RAIL WHEEL FOR ACTIVATING THE AXLE COUNTER OR RAILS"

(51) International classification : B61L 1/16 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : PHOOLTAS TAMPER PVT LTD., LAYAK BHAWAN, BORING CANEL ROAD, PATNA – 800001.** **(72) Name of the Inventors :** RAJENDRA KUMAR AGARWALA

(57) Abstract : An axle counter assembly attached to the axle of the rail wheel for activating the axle counter or rails which comprises:

a counter plate (1),
a counter plate guide (2) : and
a pneumatic cylinder (4)

wherein the said counter plate (1) is fitted to the said counter plate guide (2) which is mounted on the axle (12) of the rail wheel (10) and the said counter plate (1) is also attached with the said pneumatic cylinder (4) for vertical displacement of the counter plate (1) by the operation of pneumatic cylinder (4).

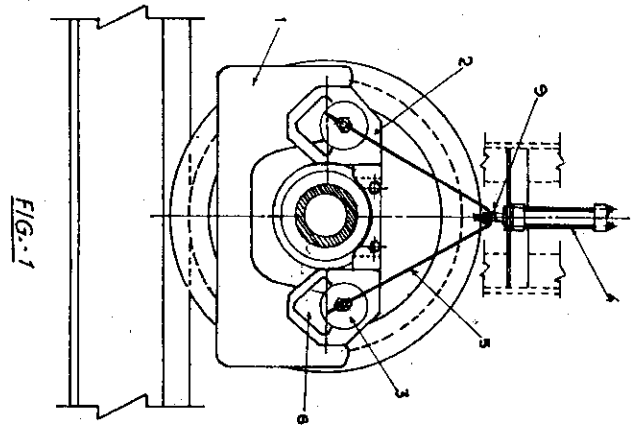


FIG. 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 676/CAL/2002A** (22) **Date of filing of application** : 04/12/2002

(54) **Title of the Invention** : "DEVICE FOR LOCKING FRONT DOOR OF TAPE RECORDER AND TAPE RECORDER INCORPORATING SAID DEVICE"

(51) International classification : G11B 33/02 **(30) Priority Data :** **(31) Document No. 96-26262, 96-80107 & 97-24100** **(32) Date : 29/06/1996, 31/12/1996 & 11/06/1997** **(33) Name of convention country : KOREA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : 1221/CAL/1997** **(64) Filed on** :26/06/1997	**(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.** **(72) Name of the Inventors :** 1. SEOL YOUNG-YUN, 2. KIM TAE-MYUN, 3. LEE HYUN-TAE

(57) **Abstract :** There is disclosed a device for locking a front door of a tape recorder having a front door (230) pivotably installed at the front surface of said tape recorder and a locking unit for locking said front door (230), characterized in that said locking unit comprises a pushing member (250) installed in said front door (230) so as to protrude to the front of said front door (230) and be pushed in contact with a tape cassette (100) being inserted a locking member (300) installed inside a housing (210) of said tape recorder for locking said front door (230) by being elastically biased by a first spring (260), and releasing the locking of said front door (230) by interlocking with said pushing member (250) in the event of said tape cassette (100) being inserted and a lock releasing member (351) for releasing the locking of said front door (230) by moving said pushing member (250) not to be at the rear side of said front door (230) by being elastically biased by a second spring (360) in the event of said tape cassette (100) being ejected.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 677/CAL/2002A **(22) Date of filing of application** : 04/12/2002

(54) Title of the Invention : "AN IMPROVED DEVICE FOR LOCKING FRONT DOOR OF TAPE RECORDER AND TAPE RECORDER INCORPORATING SAID DEVICE"

(51) International classification : G11B 33/02 **(30) Priority Data :** **(31) Document No. 96-26262, 96-80107 & 97-24100** **(32) Date : 29/06/1996, 31/12/1996 & 11/06/1997** **(33) Name of convention country : KOREA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : 1221/CAL/1997** **(64) Filed on** :26/06/1997	**(71) Name of the Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA.** **(72) Name of the Inventors :** 1. SEOL YOUNG-YUN, 2. KIM TAE-MYUN, 3. LEE HYUN-TAE

(57) Abstract : There is disclosed a device for locking a front door of a tape recorder having a front door (630) pivotably installed at the front surface of said tape recorder and a locking unit for locking said front door (630), characterized in that said locking unit comprises a locking member (700) installed at both ends of said front door (630) to be elastically biased toward said front door (630) by a spring (760) and having a groove (705) into which both ends of said front door (630) are inserted, a first angled surface (700a) pushed by said inserted tape cassette (100) such that said front door (630) escapes front said groove (705), and a second angled surface (700b) formed opposite said first angled surface with respect to said groove (705), and a lock releasing unit having a protruding piece (352) which pushes in contact with said second angled surface (700b) to allow said front door (630) to escape front said groove (705) in the event of said tape cassette being ejected.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act. 2002

(21) **Application No. 678/CAL/2002A** (22) **Date of filing of application** : 05/12/2002

(54) **Title of the Invention** : "AN ATOM TRANSFER RADICAL POLYMERIZATION PROCESS USING NOVEL SOLUBLE CATALYST SYSTEM"

(51) **International classification : C08F 2/02, 2/04, 4/32** (30) **Priority Data :** (31) **Document No.** (32) **Date :** (33) **Name of convention country :** (66) **Filed U/s 5(2) :NIL** (61) **Patent of addition to application No. NA** (62) **Filed on :NA** (63) **Divisional to Application No. : NA** (64) **Filed on :NA**	(71) **Name of the Applicant : INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE OF 2A & B RAJA S. C. MULLICK ROAD, JADAVPUR, KOLKATA –M700 032, WEST BENGAL, INDIA.** (72) **Name of the Inventors :** 1. MANDAL, BROJA MOHAN, 2. JEWRAJKA, SURESH, 3. CHATTERJEE, DHRUBA PRASAD, 4. CHATTERJEE, UMA, 5. DAS, PARTHA, 6. GUHA, SUPARNA

(57) **Abstract** : The invention discloses a novel soluble catalyst system for the Atom Transfer Radical Polymerization of vinyl monomers comprising of (a) halides or other salts of Cu(I) OR Fe(II), (b) a multidentate ligand and (c) a soluble halide salt. The multidentate ligand can be a linear multidentate aliphatic polyamine e.g.N,N,N,N,N" – pentamethyldiethylenetriamine (PMDETA), 1,1,4,7,10,10-hexamethyltriethylenetetramine (HMTETA) or 2,2-bipyridine (bpy) or 1,10-phenanthroline (o-ph).

The invention is also for Atom Transfer Radical Polymerization using said soluble catalyst system. Highly controlled atom transfer radical polymerization of methacrylates has been achieved at ambient (20°C to 40 °C) or above ambient temperatures either in bulk or in solution in various solvents leading to living polymers with narrow molecular weight distribution Mw/Mn = 1.08 to 1.3). When bpy or o-ph is the ligand, a protic compound (water, alcohol etc) needs also to be added to the system to activate the catalyst. Furthermore, using o-ph as the ligand the use of soluble halide salt in the catalyst system is not a necessity.

As far as polymerization in aqueous or predominantly aqueous medium is concerned, cupric or ferric halide (≤ 20 mole % of CuX or of FeX2) and / or a wate soluble halide salt to the extent of 0.1 to 2 M needs to be added extraneously to reduce polydispersity and achieve agreement for the experimental molecular weights with the theoretical values.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 679/CAL/2002A **(22) Date of filing of application : 05/12/2002**

(54) Title of the Invention : "FLOW REGULATOR FOR IV TUBING SET"

(51) International classification : A61M 5/00 **(30) Priority Data :** **(31) Document No. 01278417.6** **(32) Date : 13/12/2001** **(33) Name of convention country : CHINA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : TAIJECT MEDICAL DEVICE CO. LTD., OF 10F, NO. 300, SEC. 2, CHUNG FENG ROAD, CHU TUNG TOWN, HSIN CHU HSIEN, TAIWAN, R. O. C.** **(72) Name of the Inventors** : 1. CHUNG CHIEN-WEI, 2. HUANG CHIN-SHU, 3. FAN TZU-SHENG.

(57) Abstract : A flow regulator is connectable to an infusion tube of an IV tubing set which having a needle holder and an infusion needle. The flow regulator comprises a housing having an body, a through hole longitudinally extended through front and rear sides of the body for the passing of the infusion tube, a regulation controller installed in the housing and adapted to apply pressure to the infusion tube extended through the through hole of the housing, and a receiving, barrel having an body fixedly fastened to the housing, a receiving chamber defined in the body of receiving barrel and adapted to receive the infusion needle of the IV tubing set with which the flow regulator is used, and an opening in one end of the body of the receiving barrel through which the infusion needle of the IV tubing set is inserted into the receiving chamber.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 680/CAL/2002A **(22) Date of filing of application : 09/12/2002**

(54) Title of the Invention : "HYDROELECTRIC CELL & TOWER – A STATIC ONE"

(51) International classification : F03B 13/08 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : AMIT ROY, RABINDRA PALLY, IST LANE, P.O.-NIMTA, KOLKATA – 700049.** **(72) Name of the Inventors** : AMIT ROY

(57) Abstract : Electricity is produced from still water and with two metal plates and two piece3s of copper wire. A pot of water is taken. A large metal plate, connected with copper wire, is dipped into the bottom strata of water. It will act as a hydroelectric cathode. Another metal-plate, connected with copper wire is dipped into the upper strata of water. It will act as hydroelectric anode. This is the mechanism of hydroelectric cell.

Similarly, its large version is also possible.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 681/CAL/2002 A **(22) Date of filing of application** : 09/12/2002

(54) Title of the Invention : "PAINT SPRAYING BOOTHS"

(51) International classification : B05B 1/00, 15/00, B05C 15/00, 15/12 **(30) Priority Data :** **(31) Document No. 2001-383132** **(32) Date : 17/12/2001** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : ANEST IWATA KABUSHIKI KAISHA, (ANEST IWATA CORPORATION), OF 3176, SHINYOSHIDA-CHO, KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN.** **(72) Name of the Inventors** : 1. SUZUKI SHIGEKI, 2. HIKAWA KOICHI, 3. SASAKI MIKIO

(57) Abstract : In a paint spraying booth, water shower for trapping a paint mist is sprayed from a spray nozzle provided in an air passage defined in a bent air tunnel and inclined with respect to an inlet opening between a spraying room and the bent air tunnel. The bending of the air tunnel is intended to prevent the spraying sound from being transmitted directly to the inlet opening, that is, into the spraying room, namely, to attenuate the spraying sound by reflection by the bent wall of the air tunnel. Further, the wall of the air passage, beaten by the water shower, is formed separately from the wall of a water-flow plate facing the spraying room to prevent the noise from being transmitted directly to the spraying room. Also, a shield plate is provided just before the intake side of an exhaust fan provided at the top of the spraying room to define an air detour around it. The shield plate is to attenuate a sound from the exhaust fan without being transmitted directly to the inlet opening.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 682/CAL/2002A **(22) Date of filing of application : 09/12/2002**

(54) Title of the Invention : "CAR TYPE CONVEYOR"

(51) International classification : B65G 35/06 **(30) Priority Data :** **(31) Document No. 2001-393291, 2001-393292** **(32) Date : 26/12/2001,** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : DAIFUKU CO. LTD., OF 2-11, METEJIMA 3-CHOME, NISHI-YODOGAWA-KU, OSAKA-SHI, OSAKA, JAPAN.** **(72) Name of the Inventors :** 1. MAKIMURA KATSUYOSHI, 2. TAKANO RYOSUKE.

(57) Abstract : A car type conveyor includes a guide rail 3 extending along one edge of a running path. The running path is fitted with a friction driver including a frictional wheel 32. A runner 2 is guided by and moves along the guide rail 3. The runner 2 has a frictional surface 29 formed on it for compressive contact with the frictional wheel 32. A carriage 1 includes wheels 8 and 9 and moves along the running path. The runner 2 and one of the right and left sides of the carriage 1 are connected together in such a manner that the top of the runner 2 is higher than the position at which the carriage 1 supports a body. The carriage 1 may be foldable toward the runner 2.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 683/CAL/2002A** (22) **Date of filing of application** : 09/12/2002

(54) **Title of the Invention** : "FIBER REINFORCED THERMOPLASTIC PRESSURE VESSELS"

(51) International classification : B29C 70/08, C22C 49/00 **(30) Priority Data :** **(31) Document No. 10/074, 449** **(32) Date : 13/02/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : ESSEF CORPORATION, D.B.A PENTAIR WATER TREATMENT, 220 PARK DRIVE, BUILDING 2, CHARDON, OHIO 44024, U.S.A.** **(72) Name of the Inventors :** 1. LEBRETON EDWARD T., 2. VANHERACK KOEN.

(57) Abstract : A method of manufacturing hollow, fiber reinforced thermoplastic composite articles, such as a pressure vessel, is disclosed. The thermoplastic binder is chosen to bind the reinforcing fibers together, to provide strength, and to provide ease of manufacture. The method includes placing a preform with an inflatable core into a mold, pressurizing the inflatable core, and heating the mold to enable the thermoplastic binder to melt and distribute throughout the preform, binding the reinforcing fibers. The article is then cooled and removed from the mold, resulting in a hollow molded article. The inflatable core may be removed from the article and reused, or the core may become an integral part of the finished article.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 684/CAL/2002A **(22) Date of filing of application** : 09/12/2002

(54) Title of the Invention : "FILM FORMING LIQUID COMPOSITION"

(51) International classification : C09D 3/00, 151/00, C08F **(30) Priority Data :** **(31) Document No. 10/029614** **(32) Date : 21/12/2001** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : JOHNSON & JOHNSON CONSUMER COMPANIES, INC., OF GRANDVIEW ROAD, SKILLMAN, NJ 08558-9418 A NEW JERSEY CORPORATION, U.S.A.** (72) **Name of the Inventors** : KUNDEL NIKHIL

(57) Abstract : A composition comprising: a film forming polymer; a low boiling point solvent; a high boiling point solvent; and at least one active ingredient is disclosed. The composition is useful for protecting damaged skin and delivering active ingredients to the skin.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 685/CAL/2002A **(22) Date of filing of application** : 09/12/2002

(54) Title of the Invention : "DRAPEABLE ABSORBENT ARTICLE"

(51) International classification : B01D 53/00 **(30) Priority Data :** **(31) Document No. 10/025299** **(32) Date : 19/12/2001** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : MCNEIL-PPC, INC., OF GRANDVIEW ROAD, SKILLMAN, NEW JERSEY 08558, U.S.A.** **(72) Name of the Inventors** : 1. COLLADO SANTOS H., 2. MARIA ELAINE P. DE VELEZ, 3. HAARER JUTTA S., 4. LUDWIG BARBARA ANN, 5. ANA MARIA ELENA R. MARCELO, 6. MOSCHEROSCH H. MICHAEL, 7. PILATE RITA RENEE, 8. STURGEON JENNIFER L.

(57) Abstract : An absorbent article having a silhouette including a first end, a second end, wherein the second end being in opposite relation to the first end, and a first longitudinally extending edge opposed to a second longitudinally extending edge, the first and second longitudinally extending edges connecting the first end and the second end; and a layered portion having a body-facing layer and a garment-facing layer, wherein ;the absorbent article is drapable.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 686/CAL/2002 A** (22) **Date of filing of application : 09/12/2002**

(54) **Title of the Invention** : "PROCESS FOR REMOVAL OF HEAVY DRAWN GRAIN AND IMPROVEMENT IN AREA YIELD OF WETBLUE GOAT UPPER"

(51) International classification : C14C 1/00, 3/28 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : SUNIT KUMAR PANDEY, QTR. NO. K-17/2 TYPE-IV, RAILWAY COLONY MANCHESWAR BHUBANESWAR, ORISSA, PIN- 751017.** **(72) Name of the Inventors :** PANDEY SUNIT KUMAR

(57) **Abstract** : The present invention depicts a process for manufacturing a leather from heavy drawn grain goat wet blue with improved area yield and free from drawn grain. The process comprises the steps of mechanical operation, such as, belly to belly shaving and round neck trimming, the running the wet blue with 6% urea in 300% water at 60°C. This is followed by using chemicals having softening, flattening and low astringency. This is further followed again by a act of mechanical operations like heavy setting, vacuum drying and toggling.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 687/CAL/2002A **(22) Date of filing of application** : 10/12/2002

(54) Title of the Invention : "AN IMPROVED SENSOR LOOP FOR DETECTING AND ARRESTING LONGITUDINAL CONTINUOUS CUT IN STEEL CORD REINFORCED RUBBER CONVEYOR BELTS AND METHOD OF CONSTRUCTING THE SAME"

(51) International classification : B65G 43/02 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : PHOENIX YULE LIMITED(A JOINT VENTURE OF PHOENIX AG. AND ANDREW YULE & CO. LTD.), OF "IDEAL PLAZA", 11/1, SARAT BOSE ROAD, KOLKATA- 700 020,** **(72) Name of the Inventors** : 1. WOLFGANG SCHNELL, 2. TIMIR BARAN BHATTACHARJEE.

(57) Abstract : An improved sensor loop for detecting and arresting longitudinal continuous cut in rubber conveyor belts, being embedded in the rubber cover of the conveyor belts and operable as a part of an electronic control system, such as herein described. The sensor loop having a pair of separate endless loop of substantially rectangular configuration, each endless loop being made of a steel rope and pre-bent in a zig-zag manner.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 688/CAL/2002A** (22) **Date of filing of application** : 10/12/2002

(54) **Title of the Invention** : "BICYCLE SPRAYER"

(51) International classification : A01M 7/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : SOCIETY FOR RESEARCH AND INITIATIVES FOR SUSTAINABLE TECHNOLOGIES AND INSTITUTIONS OF 53 SYED AMIR ALI AVENUE, 4TH FLOOR, KOLKATA – 700 019, WEST BENGAL, INDIA AND ALSO OF B/2, SHRI KRISHNA APARTMENT LAD SOCIETY, VASTRAPUR, AHMEDABAD – 380015, INDIA.** **(72) Name of the Inventors** : JAGANI MANSUKHBHAI AMBABHAI

(57) Abstract : There is disclosed a bicycle sprayer for spraying liquids such as pesticides comprising, a triangular frame mounted on a front wheel and a rear wheel of a bicycle; a free wheel sprocket on which the rear wheel of said bicycle is mounted and a small sprocket mounted at the lower end of the frame and connected to the central crank rod of the bicycles; at least one storage tank mounted on the bicycle to which are connected two pump assemblies provided on either side of the bicycle, and a spray boom connected to said pump assemblies for receiving and spraying the liquid pushed out by the pump assemblies when the bicycle is pulled.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

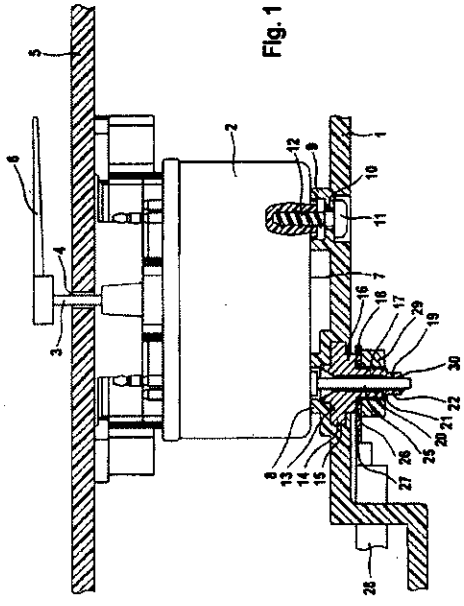
(21) Application No. 689/CAL/2002A **(22) Date of filing of application** : 10/12/2002

(54) Title of the Invention : "CONTACT APPARATUS"

(51) International classification : H01H 29/00, H01R 04/48 **(30) Priority Data :** **(31) Document No. 10163574.5** **(32) Date : 21/12/2001** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333, MUNCHEN, GERMANY.** **(72) Name of the Inventors :** 1. KRAFT DIETER, 2. STOLZLECHNER ALBERT.

(57) Abstract : The invention relates to a contact apparatus for making contact with a contact pin 25 of a measurement mechanism 2 which can be attached to a mount, in particular in a motor vehicle, in which the contact pin 25 can be inserted into a contact holder in the mount 1. The contact holder is a retaining opening which is formed such that it passes all the way through an electrically conductive contact sleeve 13 which can be arranged fixed on the mount 1, with the contact sleeve 13 having a sleeve part which projects on the side of ;the ;mount 1 facing away from the ;measurement mechanism 2 and has an external threaded area 17 onto which the retaining opening 26 of a cable lug 27 on a connecting cable 28 can be placed and can be tightened against a stop on the sleeve part by ;means of a nut 29 which can be screwed onto the thread of the external threaded area 17.

Fig. 1



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 690/CAL/2002A **(22) Date of filing of application**: 10/12/2002

(54) Title of the Invention : "TEST DRIVE WITH MEANS FOR STORING AND DISPENSING DIAGNOSTIC STRIPS"

(51) International classification : A61M 5/00, G01N 33/52, 37/00 **(30) Priority Data :** **(31) Document No. 10/029, 525** **(32) Date : 21/12/2001** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE MS 3D, MILPITAS, CALIFORNIA 95035, U.S.A.** **(72) Name of the Inventors** : PUGH, JERRY, T.

(57) Abstract : The invention provides a substantially moisture-proof, air-tight apparatus for both dispensing a plurality of diagnostic test strips and testing a biological fluid dispensed onto the strip. One strip may be advanced for use in testing using a single, translational movement.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 691/CAL/2002A **(22) Date of filing of application**: 12/12/2002

(54) Title of the Invention : "NETWORK RECEIPT METER"

(51) International classification : B67D 5/08 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : BHARAT PETROLEUM CORPORATION LTD., BUDGE BUDGE, SOUTH 24 PARGANAS, P.O.- BUDGE BUDGE, P.S. – BUDGE BUDGE, WEST BENGAL, INDIA.** **(72) Name of the Inventors** : ANJAN KUMAR RAY

(57) Abstract : An equipment which can be networked with various models of dispensing units and does automatic printing of cash memo. The equipment consists of a membrane keypad as the input unit, a CPU for processing the data, and output ports for connecting a printer or PC. The input section receives the pulses and the nozzle on & off signals, feed to the system by means of Optocouplers. The output of Optocouplers are directly feed to the Demultiplexer, which is then collected by the master Microcontroller. There is RAM, An EPROM and a real time clock. There is LCD display showing date, time and the editing operation made through the keypad. The main benefit of the above being the efficient fuelling.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 692/CAL/2002A **(22) Date of filing of application** : 12/12/2002

(54) Title of the Invention : "NOVEL PROCESS FOR SINTER FINES BRIQUETTING"

(51) International classification : B07B 4/08 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : MANISH METAL PROCESSING & ENGINEERING CO. PVT. LTD., 5, CIRCUIT HOUSE AREA OLD, JAMSHEDPUR – 831001, JHARKHAND, INDIA.** **(72) Name of the Inventors :** MITHILESH SINHA

(57) Abstract : There is disclosed a sinter fines briquetting process which comprises mixing

a) iron ore fines,
b) sinter return fines, with or without
c) blue dust,
d) waste material like hydrated lime fines and
e) binders selected from Bentonite, cement, mollaces and others in the following proportions.

i) Sinter return fines 30 to 80% by weight,
ii) Iron ore fines 20 to 60% by weight,
iii) Blue Dust 10 to 70% by weight (optionally),
iv) Binders 1 to 10% by weight,
v) Mixing them thoroughly to obtain a proper blend and
vi) Thereafter processing the mix in a briquetting machine at near room temperature to obtain briquettes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 693/CAL/2002A **(22) Date of filing of application** : 12/12/2002

(54) Title of the Invention : "INFORMATION PROVIDING METHOD, SERVER, PROGRAM, AND STORAGE MEDIUM"

(51) International classification : G06F 17/60, H04L 12/56 **(30) Priority Data :** **(31) Document No. 2002-22296** **(32) Date : 30/01/2002** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : NTT DOCOMO, INC., OF 11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6150, JAPAN.** **(72) Name of the Inventors** : 1. YABE TOSHIYASU, 2. ENATSU TOMOKO, 3. OKADA YUJI, 4. MAKOTO SOGA.

(57) Abstract : By storing data of web page in a different server from the one which stores a web page data, the work is distributed and the load on the server is reduced. Content server 400 provides mobile telephone 100 with web page data which has a statement of directing to get banner advertisement data in web pages from advertisement server 500. Mobile telephone 100 which receives web page data obtains banner advertisement data from advertisement server 500. In order to view a web page linked by the banner advertisement, mobile telephone 100 obtains from advertisement serer 500 a URL for a linked web page, and obtains the linked web page data.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 694/CAL/2002A** (22) **Date of filing of application**: 12/12/2002

(54) **Title of the Invention** : "ELECTROCHEMICAL CELL CONNECTOR"

(51) International classification : G01N 27/06, H01M 2/00, 8/00 **(30) Priority Data :** **(31) Document No. 60/345, 743** **(32) Date : 04/01/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTER DRIVE, MILPITATS, CALIFORNIA 95035, A DELAWARE CORPORATION, U.S.A.** **(72) Name of the Inventors :** 1. HODGES ALASTAIR M., 2. CHAMBERS GARRY.

(57) Abstract : The present invention relates to electrochemical cells including a connector which mates with a connection device to provide electrical connection to meter circuitry.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 695/CAL/2002A** (22) **Date of filing of application**: 13/12/2002

(54) **Title of the Invention** : "HYDRAULIC TENSIONER"

(51) International classification : F16H 7/08 **(30) Priority Data :** **(31) Document No. 2001-381280** **(32) Date : 14/12/2001** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : BORG WARNER MORSE TEC JAPAN K. K., OF 1300-50 YABATA, NABARI, MIE 518-0495, JAPAN.** **(72) Name of the Inventors :** SEUNGPYE SHIN.

(57) Abstract : A hydraulic tensioner that decreases the number components, secures an adequate backlash, and prevents backward movement of a plunger. The hydraulic tensioner includes a hollow plunger having rack teeth formed on a portion of an outer circumferential surface, slidably received in a bore of the housing, where the plunger has an inner space to form a fluid chamber with the bore. A slider housing portion, having an inclined surface, located in the housing, receives a wedge-shaped slider having a ratchet portion adapted to engage with the rack teeth of the plunger and a second side surface. The wedge-shaped slider being slidable along the inclined surface of the slider housing portion in a direction crossing an axial centreline of the plunger. The hydraulic tensioner further includes a first spring biasing the plunger in a protruding direction, and a second spring biasing the slider such that the slider moves along the inclined slide surface of the slider housing portion. A "wedge-effect" prevents the plunger from moving backwards.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 697/CAL/2002A (22) Date of filing of application : 16/12/2002

(54) Title of the Invention : "PROCESS FOR PREPARATION OF PACLITAXEL TRIHYDRATE AND DOCETAXEL TRIHYDRATE"

(51) International classification : A61K 31/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DABUR INDIA LIMITED, OF D-35, INDUSTRIAL AREA, KALYANI, NADIA- 741 235, INDIA. (72) Name of the Inventors : 1. SHARMA, A. P., 2. MAHANTY J. S., 3. SARKAR S.

(57) Abstract : A process for the preparation of paclitaxel trihydrate and doctaxel trihydrate comprising : (a) treating taxane selected from paclitaxel and docetaxel with a mixture of alkane and chlorinated alkane to obtain a crude product of 65- 75% assay; (b) dissolving the crude product thus obtained in alkyl ketone followed by slow addition of an alkane to increase chromatographic purity, (c) dissolving the taxane of step (b) in an aliphatic nitrile at a temperature of 50-70°C, (d) adding purified water to the product of step (c) to precipitate taxane trihydrate; and (e) filtering and drying the product of step (d) to obtain taxane trihydrate of C.P.>99.5% and 98-102% assay.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

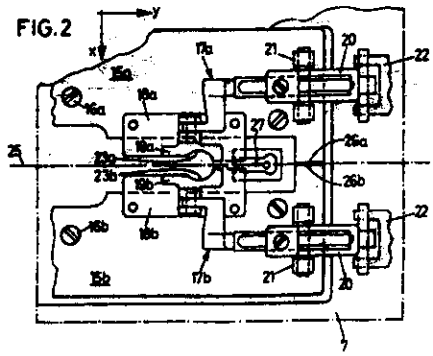
(21) **Application No. 698/CAL/2002A** (22) **Date of filing of application** : 16/12/2002

(54) **Title of the Invention** : "CNC CONTROLLED BUTTONHOLE SEWING MACHINE"

(51) International classification : D05B 3/06 **(30) Priority Data :** **(31) Document No. 10163229.0, 10216808.3** **(32) Date : 21/12/2001, 16/04/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : DURKOPP ADLER AKTIENGESELLSCHAFT, OF POTSDAMER STRASSE 190, D-33719 BIELEFELD GERMANY.** **(72) Name of the Inventors :** 1. NOLTGE THOMAS, 2. FRANSING HEINZ, 3. OBERNDORFER ANDREAS, 4. JANOCHA THEODOR.

(57) **Abstract** : A CNC controlled buttonhole sewing machine comprises work piece clamps (17a, 17b) with sliding drives for displacement from an initial position of spread, by a length of spread, into a final position of spread. The sliding drive is an electric positioning motor that is allocated to a work piece clamp (17b). Further provision is made for a control unit with data storage, in which to store data, for displacement of the work piece clamp (17b) by a given length of spread.

FIG.2



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 699/CAL/2002A **(22) Date of filing of application** : 16/12/2002

(54) Title of the Invention : "TUBE BLANK AND METHOD OF PRODUCING GLASS RECEPTACLES FROM A TUBE BLANK"

(51) International classification : C03B 23/18 **(30) Priority Data :** **(31) Document No. DE10224833.8-45** **(32) Date : 05/06/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS OF HATTENBERGSTRASSE 10, 55122 MAINZ, GERMANY.** **(72) Name of the Inventors :** 1. RAUSCH HEINZ, 2. DICK ERHARD.

(57) Abstract : A tube blank is disclosed for producing glass receptacles, in particular glass tube vials, glass ampules, or glass syringes, particularly those suitable for pharmaceutical applications, having a tube wall, including two end regions – a first end region and the second end region- the first end region being sealed to form a floor and a ventilation hole being introduced into the tube wall in the region of the end region, distinguished in that the tube end characterizing the second end region has an opening.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 700/CAL/2002A **(22) Date of filing of application : 16/12/2002**

(54) Title of the Invention : "ROTATING ELECTRIC MACHINE"

(51) International classification : H02K 5/00, 7/116, **(30) Priority Data :** **(31) Document No. 2001-385379, 2001-385380 & 2001-385381** **(32) Date : 19/12/2001** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : HITACHI , LTD., OF 6, KANDA SURUGADAI 4-CHOME, CHIYADA-KU, TOKYO 101-8010 JAPAN AND HITACHI ENGINEERING CO. LTD., OF 2-1 SAIWAI-CHO 3-CHOME, HITACHI-SHI, IBARAKI 317-0073, JAPAN.** **(72) Name of the Inventors :** 1. FUJIGAKI TETSUO, 2. MIDORIKAWA HIDEKAZU, 3. MIZUTANI SHUJI, 4. NISHIHAMA KAZUO, 5. ISHIZAWA SHUICHI, 6. TAKEI KATSUJI, 7. TAKABOSHI SATORU, 8. KIKUCHI SHIROU, 9. SUGANO ISOO, 10. MATSUMOTO MASANORI, 11. TAKAHASHI KENJI, 12. OZAWA SHINICHI.

(57) Abstract : In order to provide a rotating electric machine which reduces vibration, noise and temperature rise and eases assembling work thereof through an improvement of a frame structure and a securing method between a stator iron core and the frame. In a rotating electric machine comprising a stator iron core 6 having a stator wi9nding, a frame 1 having intermediate plates 2 for securing the stator iron core 6 to the frame 1, a rotor iron core 5 having a rotor winding, the intermediate plates (brackets) 2 which rotatably support the rotor at both sides in the frame axial direction under the condition of accommodating the stator iron core 6 and the rotor iron core 5 in the frame 1, cooling fans 4 for ventilation through rotation together with a rotor shaft 3, land a shaft portion extending from the brackets for directly coupling to a load, wherein, the securing between the frame 1 and the stator iron core 6 is performed by a welding structure at a welding portion 9.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 701/CAL/2002A** (22) **Date of filing of application** : 16/12/2002

(54) **Title of the Invention** : "PRODUCTION PROCESS FOR POROUS GLASS PREFORM"

(51) International classification : C03B 37/018 **(30) Priority Data :** **(31) Document No. 2002-068997, 2002-268787** **(32) Date : 13/03/2002, 13/09/2002** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : FUJIKURA LTD., OF 5-1, KIBA 1-CHOME , KOHTOH-KU, TOKYO, JAPAN.** **(72) Name of the Inventors :** 1. GOTOH TAKAKAZU, 2. HORIKOSHI MASAHIRO.

(57) **Abstract** : A method for producing a porous preform comprising measuring the surface temperature distribution at the end of the core soot preform, and (1) maintaining the surface temperature Tc at the center point on the end of the core soot preform in the range of 500 to 1000°C, and preferably in the range of 600 to 950°C, land maintaining the difference Tm-Tc between the maximum surface temperature Tm at the end of the core soot preform and the surface temperature Tc at the center point on the end of the core soot preform in the range of 5 to 45°C; and/or (2) maintaining the ration R of the area in which the surface temperature at the end of the core soot preform is higher than the surface temperature Tc at the center point on the end of the core soot preform in the range of 5 to 30%.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

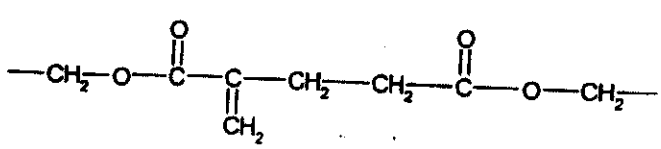
(21) Application No. 706/CAL/2002A **(22) Date of filing of application** : 17/12/2002

(54) Title of the Invention : "CURABLE RESIN COMPOSITIONS AND PROCESS FOR PREPARING OLIGOMERS CONTAINING ACRYLATE GROUPS, AND SUBSTITUTED METHACRYLATE GROUPS"

(51) International classification : C07C, C07D **(30) Priority Data :** **(31) Document No. 10163432.3** **(32) Date : 21/12/2001** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : DAINIPPON INK AND CHEMICALS, INC., OF 35-58, SAKASHITA 3-CHOME, ITABASHI-KU, TOKYO, JAPAN.** **(72) Name of the Inventors** : 1. LACHOWICZ ARTUR, 2. GAUDL KAI-UWE, 3. GRAHE GERWALD.

(57) Abstract :

A curable resin composition which exhibits excellent hardness of their curing products as well as storage stability is provided, and a simple method to obtain acrylated resins is provided. The composition comprises a curable oligomer which has an acryloyl group and a substituted methacrylate group represented by the following structure



The process comprises a reaction step of reacting at least one monomeric multifunctional acrylate in the presence of a tertiary organic phosphine.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

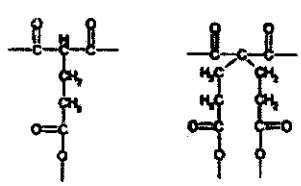
(21) Application No. 707/CAL/2002A **(22) Date of filing of application : 17/12/2002**

(54) Title of the Invention : "CURABLE RESIN COMPOSITIONS AND PROCESS FOR PREPARING OLIGOMERS AND POLYMERS HAVING ACRYLOYL GROUPS, SUBSTITUTED METHACRYLATE GROUPS AND β-DICARBONYL GROUPS"

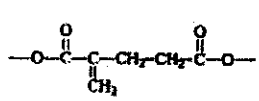
(51) International classification : C08F , C08G **(30) Priority Data :** **(31) Document No. 10163433.1** **(32) Date : 21/12/2001** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : DAINIPPON INK AND CHEMICALS, INC., OF 35-58, SAKASHITA 3-CHOME, ITABASHI-KU, TOKYO, JAPAN.** **(72) Name of the Inventors :** 1. LACHOWICZ ARTUR, 2. GAUDL KAI-UWE, 3. GRAHE GERWALD.

(57) Abstract :

A curable resin composition which exhibits no drawbacks such as yellowing and exhibits excellent hydrolysis sensitivity is provided, and a process for preparing curable oligomers and polymers which has foregoing properties is provided. The composition comprises a curable oligomer or polymer, wherein the oligomer or polymer has an acryloyl group, a β-dicarbonyl group having a chemical structure part represented by any of the following structures,



and a substituted methacrylate group represented by the following structure.



The process comprises a reaction step of reacting at least one multifunctional monomeric acrylate with at least one compound having at least one β-dicarbonyl group in the presence of a tertiary organic phosphine.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 708/CAL/2002A **(22) Date of filing of application** : 18/12/2002

(54) Title of the Invention : "HYDRAULIC TENSIONER WITH RATCHET MECHANISM"

(51) International classification : F16H 7/08 **(30) Priority Data :** **(31) Document No. 2001399184** **(32) Date : 28/12/2001** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : BORG WARNER MORSE TEC JAPAN K. K. OF 1300-50 YABATA, NABARI, MIE 518 0495 JAPAN.** **(72) Name of the Inventors** : SEUNGPYE SHIN

(57) Abstract : The present invention provides a hydraulic tensioner with a ratchet mechanism simple in structure. The hydraulic tensioner (1) includes a hollow plunger (3) that is slidably received in a bore (2a) of the housing (2) that has an inner space (3a) defining a fluid chamber (20) with the bore (2a) and a rack member (7) provided slidably in axial direction in a groove (3b) on an outer circumference of the plunger (3). The hydraulic tensioner (1) further includes a spring (4) biasing the plunger (3) in a protruding direction, a ratchet member (8) that that is provided slidably in a ratchet hole (2b) extending in an inclined direction intersecting an axis (L) of the plunger (3) and that has a cylindrical head portion (88) adapted to engage rack teeth (7a) of the rack member (7), permitting travel of the plunger (3) in a protruding direction but preventing retraction of the plunger (3) in a backward direction, and a coil spring (85) that biases the ratchet member (8) in an engaging direction of the rack teeth (7a) with an outer circumferential edge portion (80a) of the distal end of the head portion (80).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 709/CAL/2002A **(22) Date of filing of application** : 18/12/2002

(54) Title of the Invention : "SYSTEM AND METHODS FOR MANAGING DRIVES IN A COMPUTING SYSTEM"

(51) International classification : G06F 13/00 **(30) Priority Data :** **(31) Document No. 10/039, 035** **(32) Date : 04/01/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : MICROSOFT CORPORATION, OF ONE MICROSOFT WAY, REDMOND, WASHINGTON 98053, U.S.A.** **(72) Name of the Inventors :** 1. WILT NICHOLAS P., 2. MILLER JAMES.

(57) Abstract : Managed code, including application, runtime, land driver, have a prion knowledge of the client's exact hardware configuration, just as the JIT compiler has a priori knowledge of the microprocessor type on the target computer system. At compile time, the compiler knows the effective version various system drives, so that the compiler can emit an executable tuned for a particular driver version and target system.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 712/CAL/2002 A **(22) Date of filing of application** : 20/12/2002

(54) Title of the Invention : "PROCESS FOR PRODUCING A FLAT HEAT EXCHANGE TUBE"

(51) International classification : B21D 53/06 **(30) Priority Data :** **(31) Document No. 7/342471** **(32) Date : 28/12/95** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : 2248/CAL/96** **(64) Filed on** :26/12/1996	**(71) Name of the Applicant : SHOWA DENKO K. K., OF 13/9, SHIBA DAIMON 1-CHOME, MINATO-KU, TOKYO 105-8518 JAPAN.** **(72) Name of the Inventors** : 1. SAITO YOSHIHIRO, 2. TAMURA TAKASHI, 3. KAIMURA SATORU, 4. HOZUMI SATOSHI, 5. SAKAGUCHI MASASHI

(57) Abstract : A process producing a flat heat exchange tube (4) having parallel refrigerant passages (6) in its interior, flat upper and lower walls (1, 2), opposite side walls (3, 4) and a plurality of reinforcing walls (5) connected between the upper and lower walls, using a rolling mill (33) comprising a central work roll (35) and a plurality of planetary work rolls (36), the central work roll or the planetary work rolls having parallel peripheral annular grooves (39, 40) and projections (43) in each annular groove other than the annular grooves at opposite roll ends, comprises the step of rolling by the mil a metal sheet blank (30) having a greater thickness than the lower wall of the heat exchange tube (A) to be produced, to form a flat portion (13) serving as the lower wall (2), cause the annular grooves (39) at the roll ends to form upright portions (12) to provide side walls (2, 4) and the other annular grooves (40) to form vertical ridges (13) providing the reinforcing walls (5), the upright portions (12) and the vertical ridges (13) projecting from the flat portion (11) integrally therewith, land cause the projections (13) in each groove to form cut outs (14) in the upper edge of each of the ridges and the step of placing a metal sheet over all the ridges to provide the upper wall (1), joining the metal sheet to the upright portions (12) to the opposite side walls, joining the ridges of the lower wall to the upper wall to form the reinforcing walls and closing opening of the cut outs in each ridge with the upper wall to form communication holes (8) for holding the parallel refrigerant passages (6) in communication with one another.

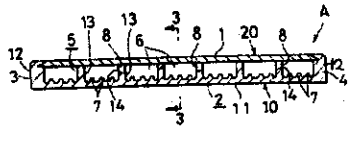
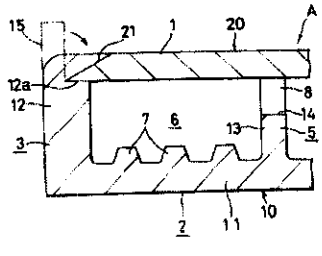
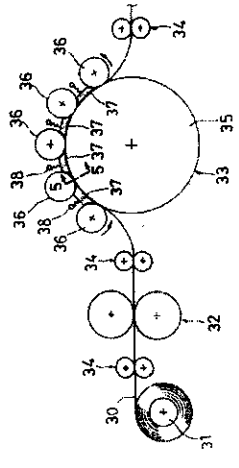
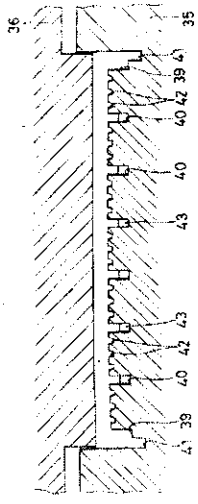


Fig. 2







Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 714/CAL/2002A** (22) **Date of filing of application** : 20/12/2002

(54) **Title of the Invention** : "DEVICE FOR INCREASING THE DENSITY OF LASER PRINTS"

(51) International classification : G03G, B41J 29/13 **(30) Priority Data :** **(31) Document No. 01276417.5** **(32) Date : 30/12/2001** **(33) Name of convention country : CHINA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : HUANG HILSON, OF RM. 816, 8F, NO. 7, WU-CHUAN-1 RD., HSIN-CHUANG CITY, TAIPEI HSIEN, TAIWAN, REPUBLIC OF CHINA.** **(72) Name of the Inventors :** HUANG HILSON

(57) **Abstract** : A device for increasing the image density of laser prints includes a machine, it rolling mechanism and a driving mechanism; wherein the machine is disposed with a paper inlet and a paper outlet; the rolling mechanism and the driving mechanism are disposed inside the machine; a processing tank for darkening the toner is disposed at the lower aspect of the rolling mechanism inside the machine; some solvent of the prior art is placed inside the processing tank for darkening the toner; a sheet of tracing paper is fed into the area of the paper inlet; the toner darkening solvent contacts the paper and darkens image areas convered by the toner along the rolling of the lower rolling shaft. Then, the darkened tracking paper is sent out from the paper outlet, after drying, which works directly as a film for exposing the plate during plate making in order for printing.

Publication After 18 months.

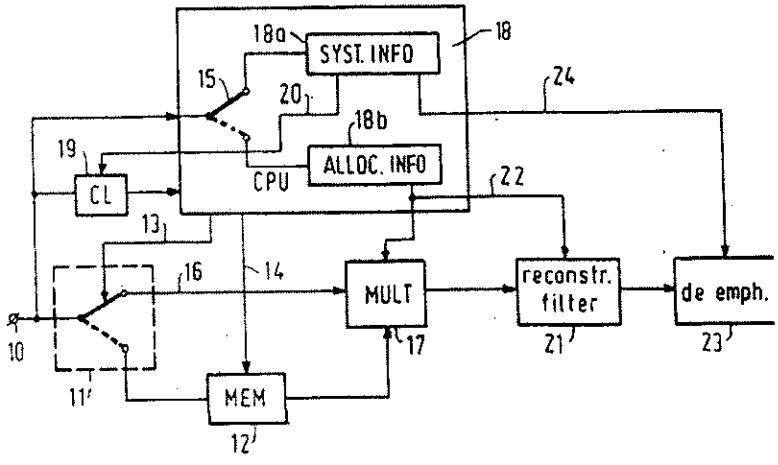
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 715/CAL/2002A **(22) Date of filing of application : 23/12/2002**

(54) Title of the Invention : "A DECODER FOR DECODING AN ENCODED DIGITAL SIGNAL"

(51) International classification : H04M 1/26 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :** **217/CAL/95** **(64) Filed on** :01/03/95	**(71) Name of the Applicant : 1. KONINKLIJKE PHILIPS ELECTRONICS N. V., AT GROENEWOUDSEWEG 1, EINDHOVEN, THE NETHERLANDS, 2. FRANCE TELECOM AND S.A. TELEDIFFUSION DE FRANCE, FRENCH COMPANIES, OF 6 PLACE D'ALLERAY, 75015 PARIS, FRANCE AND 10 RUE D'ORADOUR-SURGLANE, 75015 PARIS, FRANCE, 3. INSTITUT FUR RUNDFUNKTECHNIK GMBH, A GERMAN COMPANY, OF FLORIANSMUHLSTRASSE 60, 80939 MUNICH, FEDERAL REPUBLIC OF GERMANY.** **(72) Name of the Inventors :** GERARDUS CORNELIS PETRUS LOKHOFF

(57) Abstract : The invention relates to a decoder for decoding an encoded digital signal that has been obtained by encoding a wideband digital audio signal of a specific sampling frequency Fs. The encoded digital signal comprised frames having a length of B information packets, where the number of packets in a frame has a relation with the sampling frequency Fs of the wideband digital signal, the bit rate BR of the transmission signal, the number N of bits in the information packets and ns, being the number of samples of the wideband digital signal whose corresponding information in the transmission signal, is included in one frame. The decoder is capable of receiving and decoding said encoded digital signal.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 716/CAL/2002A **(22) Date of filing of application : 23/12/2002**

(54) Title of the Invention : " AN IMPROVED TIGHTENING DEVICE FOR TIGHTENING A BOLT FOR HOLDING ANY FITTINGS"

(51) International classification : B26B 23/10, F16B 37/10, F27B 7/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : RAWATSONS ENGINEERS (p) LTD., 5K, STEPHEN COURT, 18A, PARK STREET, KOLKATA-700071.** **(72) Name of the Inventors** : DAMARU DHAR RAWAT

(57) Abstract : An improved tightening device for tightening a bolt for holding fittings comprising a special nut(5) whose outer surface is cylindrical taper surface (9) and is threaded at taper end (8); a look nut (6) whose outer surface is partially cylindrical surface (13) and partially pentagonal shape surface (12); a special key (22) whose outer surface is cylindrical shaped surfaces (24, 18) at either end and a hexagonal surface (16) in between the said cylindrical surfaces, the inside surface of the said special key is cylindrical taper and threaded surface (19) at one end and pentagonal shaped surface (17) at the other end, the said special key tightens the bolt with the special nut and lock nut.

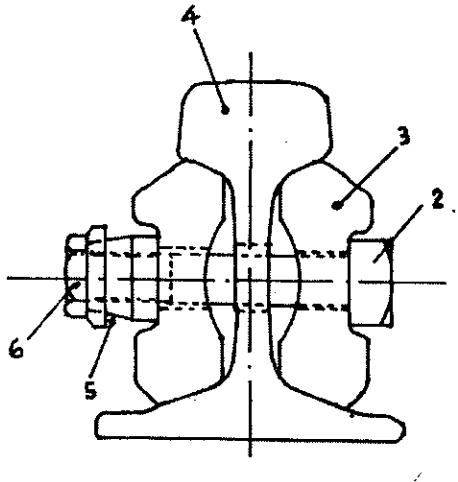


FIG. 2.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 717/CAL/2002A **(22) Date of filing of application** : 23/12/2002

(54) Title of the Invention : " AN ADSORBENT FOR PHOSPHATE FROM AQUEOUS MEDIUM, AND THE PRODUCTION AND USE THEREOF"

(51) International classification : B01D 15/00 **(30) Priority Data :** **(31) Document No. 19547356.6** **(32) Date : 19/12/95** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : 2177/CAL/96** **(64) Filed on** :17/12/96	**(71) Name of the Applicant : VIFOR (INTERNATIONAL) AG., OF RECHENSTRASSE 37, CH-9001 ST. GALLEN, SWITZERLAND.** **(72) Name of the Inventors** : 1. GEISSER PETER, 2. PHILIPP ERIK.

(57) **Abstract** : An adsorbent for phosphate from aqueous medium particularly for inorganic phosphate or phosphate bound to food stuffs from body fluids or food stuffs, which contains beta-iron hydroxide stabilized by carbohydrates and/or humic acid.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 718/CAL/2002A **(22) Date of filing of application** : 24/12/2002

(54) Title of the Invention : " WATER ENGINE"

(51) International classification : F02B 1/00, F03B 17/04 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : BRAJESH KUMAR, C/O. D. P. SINGH , SHAHI COLONY, HAZIPUR, DIST- VAISHALI (BIHAR) PIN – 844101, INDIA.** **(72) Name of the Inventors** : BRAJESH KUMAR

(57) Abstract : Water engine is a device to be run by water by rotating it again and again.

The device is made up of six main chambers. This engine is having two similar parts.1st one on the left side and second one on the right side.

The upper two chambers is kept hanging on both side of pulley system with the help of a belt which rotates on the pulley. This works on the principle of balance.

The two lower chambers is flexible i. e. folding and unfolding type and attached with a pipe on the bottom side. This pipes conics water to required height.

The third set of two upper fixed chambers rests on the system of stands and it stores water to be released in the hanging chambers.

The folding and unfolding chamber is kept just below the upper hanging chamber or as set under the system of torque. When pressure is mounted on left lower flexible chamber by the weight in the form of water in the hanging upper chamber the water kept in the left flexible chamber is released through pipes in upper right fixed chamber & is stored there. By this time left upper chamber reaches at its lower position.

The right upper chamber at its highest position

receives water from Right upper fixed chamber through the system of valves and gets filled up. This creates imbalance on both side of pulley and it starts to move downward. As a result left upper chamber which is in its lowest position starts upward movement. Water from it passes to left folding and unfolding chamber through valve and finally it gets emptied and gradually it reaches at its highest position where already stored water in the upper fixed chamber starts to fill it through the system of valves. In this left fixed chamber water for storage comes from Right flexible chamber when it is pressed. Now left hanging chamber starts downward movement and the process continues. This gives the automatic movement to the engine.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 719/CAL/2002A **(22) Date of filing of application** : 24/12/2002

(54) Title of the Invention : " FRONT-END MODULE CARRIER OF A VEHICLE"

(51) International classification : B60R 19/00, B62D 21/00 **(30) Priority Data :** **(31) Document No. P2002-30351** **(32) Date : 30/05/2002** **(33) Name of convention country : KOREA** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : HYUNDAI MOTOR COMPANY, OF 231, YANGJAE-DONG, SEOCHO-KU, SEOUL, KOREA.** **(72) Name of the Inventors** : SONG SI-CHEOUL

(57) Abstract : A front-end module carrier for comprehensively and integrally modulizing various vehicle front components is disclosed. The rigidity of the upper frame is reinforced, and the coupling between the stay and the bumper rail is strengthened. Therefore, any non-authorized attempt to open the hood can be well defeated, land any such intruder can be made powerless.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 722/CAL/2002A **(22) Date of filing of application : 26/12/2002**

(54) Title of the Invention : " CHAIR"

(51) International classification : A47C 1/00, 7/00, 9/02 **(30) Priority Data :** **(31) Document No. 10200355.6** **(32) Date : 08/01/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : DAUPHIN ENTWICKLUNGS-U. BETEILIGUNGS-GMBH., OF ERKELSDORFER STRASSE 8, D-92259 NEUKIRCHEN, GERMANY.** **(72) Name of the Inventors :** ZUND ROLAND

(57) Abstract : A chair, in particular an office chair, comprising a pedestal (2), a seat support (5) supported thereon, a seat plate (6) supported on said seat support (5), and a backrest (9) secured on said seat support (5), wherein said seat support (5) comprises a rear supporting and guiding unit (45) facing said backrest (9) on which said seat plate (6) is supported, and on which said seat plate (6) is guided obliquely relative to the horizontal line against at least one spring element, land said seat support (5) comprising a front supporting and guiding unit (32) on which said seat plate (6) is supported, and on which said seat plate (6) is displaceably guided.

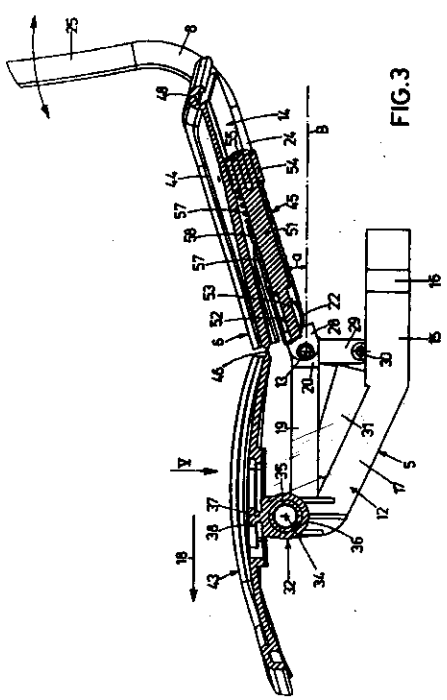


FIG.3

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

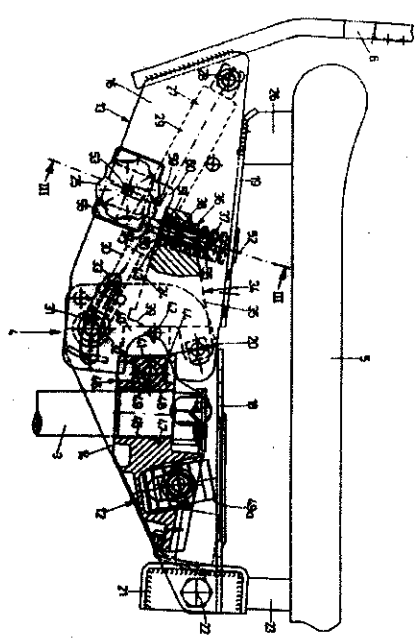
(21) Application No. 723/CAL/2002A **(22) Date of filing of application : 26/12/2002**

(54) Title of the Invention : " CHAIR"

(51) International classification : A47C 1/00, 7/00, 1/032 **(30) Priority Data :** **(31) Document No. 102 00 358.0** **(32) Date : 08/01/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. : NA** **(64) Filed on** :NA	**(71) Name of the Applicant : DAUPHIN ENTWICKLUNGS-U. BETEILIGUNGS-GMBH., OF ERKELSDORFER STRASSE 8, D-92259 NEUKIRCHEN, GERMANY.** **(72) Name of the Inventors :** WILD KONRAD

(57) Abstract :

A chair, in particular an office chair, comprising a pedestal (1), a seat support (4) supported thereon via a chair column (3), said seat support (4) comprising a front and a rear seat support element (12, 13) being connected with one another via a pivot axis (20) extending substantially horizontally, a seat (5) supported on said seat support elements (12, 13), a backrest (7) secured on said rear seat support element (13), a longitudinally adjustable gas spring (27) for mutually adjusting said backrest (7) and said seat (5), said gas spring (27) being joined with said seat support elements (12, 13) at a distance from their pivot axis (20), a spring abutment (34) being arranged pivotably around said pivot axis (20) for adjustably dampening a pivoting movement of said seat support elements (12, 13) relative to one another, an adjusting element extending substantially tangentially relative to said pivot axis (20) and being pivotable around an adjusting element pivot axis (52) for modifying the bias between said spring abutment (34) and one seat support element (12), and an actuating twist handle (25) connected with said adjusting element and pivotable around a twist handle pivot axis (53) for manually turning said adjusting element, wherein said actuating twist handle (25) is connected via a coupling element with said adjusting element for transmitting a turning movement, and wherein said adjusting element pivot axis (52) and said twist handle pivot axis (53) are not flush with one another.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 725/CAL/2002A** (22) **Date of filing of application** : 30/12/2002

(54) **Title of the Invention** : "A BOLT LOCKING DEVICE"

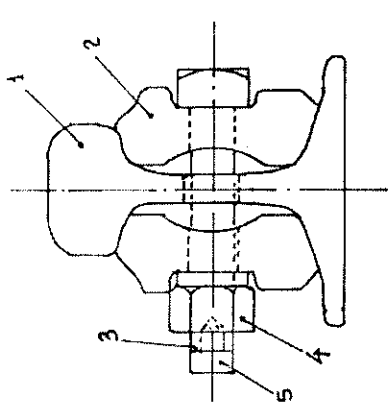
(51) **International classification : E05B 13/04, F16B 41/00** (30) **Priority Data :** (31) **Document No.** (32) **Date :** (33) **Name of convention country :** (66) **Filed U/s 5(2) :NIL** (61) **Patent of addition to application No. NA** (62) **Filed on :NA** (63) **Divisional to Application No. : NA** (64) **Filed on :NA**	(71) **Name of the Applicant : RAWATSONS ENGINEERS (P) LTD., 5K, STEPHEN COURT, 18A, PARK STREET, KOLKATA-700 071.** (72) **Name of the Inventors** : DAMARU DHAR RAWAT

(57) **Abstract** : A bolt locking device comprises:

an improved bolt (3) comprising a left hand threaded female joint (7) at the end of the bolt ;

a bolt lock cap (8) comprising a left hand threaded male joint (6) for tightening into the said female joint (7) and a left hand threaded cylindrical external surface (5) ; and

a special bolt lock key (9), the external surface of which is partially hexagonal surface (10) and partially cylindrical surface (11); the internal surface (12) corresponding to the external cylindrical surface (1) is left hand threaded and the diameter and pitch of which matches with that of the bolt lock cap external cylindrical surface (5) which is rotated by the special bolt lock key for tightening the bolt lock cap into the female joint of the improved bolt.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 726/CAL/2002A **(22) Date of filing of application** : 31/12/2002

(54) Title of the Invention : "IMPROVEMENTS IN OR RELATING TO STORAGE TANK FOR STORING LIQUID"

(51) International classification : B01D 17/00, B65D 13/00, E03B 11/00, E04H 7/18 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : SANJAY BUDHIA, OF 3C, CAMAC STREET, KOLKATA- 700 016, WEST BENGAL, INDIA.** **(72) Name of the Inventors :** SANJAY BUDHIA

(57) **Abstract** : The present invention provides a storage tank for storing liquid, which comprises in combination;

i) main body of the tank usually made of polymeric material which does not enter into any chemical reaction with the contents thereof,

ii) an opening on the top surface which is wide enough to allow cleaning to be carried out in the inside region of the tank as and when needed;

iii) an inlet and an overflow outlet provided at the upper region of the tank, and

iv) an outlet pipe provided at the lower region of the said tank,

v) a drain pipe/pipes below the level of outer pipe.

characterized in that the bottom surface of the tank is dome-shaped, curving inwards, facilitating the sediments and/or foreign particles present in the liquid to slide down and get collected at the annular region of the tank bottom which in turn can be removed through at least one outlet provided slightly above the bottom of the tank below the outlet pipe level.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.** 727/CAL/2002A (22) **Date of filing of application** : 31/12/2002

(54) **Title of the Invention** : "A KIT FOR USE IN SEMIQUANTIFICATION OF CRP PRESENT IN WHOLE BLOOD AND A PROCESS FOR MANUFACTURE OF THE SAME"

(51) International classification : C12Q 1/00, G01N 33/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, PIN – 721 302, STATE OF WEST BENGAL, INDIA.** **(72) Name of the Inventors :** 1. MAITI, T. K., 2. TRIPATHI, S.

(57) **Abstract** : A kit for semi quantification of the level of C- reactive protein (CRP) using whole blood and its process of manufacture involving use of a conjugate reagent comprising cross linked monovalent Concanvalin A and Fab portion of anti CRP antibody. A process for semi quantification of the level of C- reactive protein (CRP) using whole blood using the kit of the invention. The kit and its process of manufacture enables semi quantification of CRP in whole blood following the process for the same in a faster, simpler and more convenient way than those known in the art. It avoids the separation of blood serum since the whole blood is used for the process using the kit. Moreover the kit has shelf like of 6 months when maintained at 4°C which enables easy operation of the kit without maintenance of any complicated conditions.

ALTERATION OF DATE UNDER SECTION—16

193527 (224/CAL/2002) ANTE-DATED TO 07-03-1996.

193558 (880/DEL/2002) ANTE-DATED TO 24-06-1998.

अभिगृहित पूर्ण विनिर्देश

एतद्द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl : 206 E 193501

Int. Cl.[7] : G07F 7/10 , 7/08 , H04M 17/00

Title : METHOD FOR CASHLESS PAYMENT.

Applicant : SIEMENS AKTIENGESELLSCHAFT, WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.

Inventor : BROCKDPRFF CHRISTIAN VON.

Application no. 1635/CAL/1997 FILED ON 04/9/1997

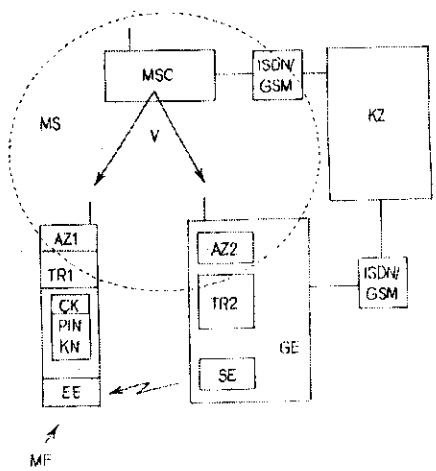
(CONVENTION APPLN. No. 196374434.0 ON 13/9/1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

3 CLAIMS.

Method for cashless payment, in which
contact is made with a multifunctional chip card (CK) in a mobile telephone (MF) with wireless connection to a mobile radio network (MS),
- after a personal identification feature (PIN) has been input at the mobile telephone (MF), said mobile telephone (MF) is registered with the mobile radio network (MS) and signed on to it,
- a connection (V) from the mobile telephone (MF) to a retail outlet terminal (GE) is set up via the mobile radio network (MS),
- a credit-worthiness check is carried out with a card number (KN) stored on the chip card (CK), and
- a sum of money which has been input at the retail outlet terminal (GE) is displayed on the mobile telephone (MF) via the connection (V), and, given a positive result of the credit-worthiness check, is released for payment after confirmation at the mobile telephone (MF).



Complete Specifications : 7 pages. Drawings: 1 sheets

193502

Ind.Cl : 129

Int. Cl.[7] : B23K – 35/02

Title : A PROCESS FOR FORMING A RESISTANCE WELDING ELECTRODE AND A RESISTANCE WELDING ELECTRODE.

Applicant : THE NIPPERT COMPANY, 801 PITTSBURGH DRUVE, DELAWARE, OHIO 43015 , USA.

Inventor : 1. RUSSELL ALAN NIPPERT. 2. BRIAN EUGENE SWANK.

Application no. 92/CAL/1998 FILED ON 19.01.1998

(CONVENTION APPLN. NO. 08/794,475 ON 04.2.1997 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

17 CLAIMS.

A process for forming a resistance welding electrode comprising the steps of:

providing a billet formed from a high conductivity metal, said billet having a first portion with a first inner cavity therein;

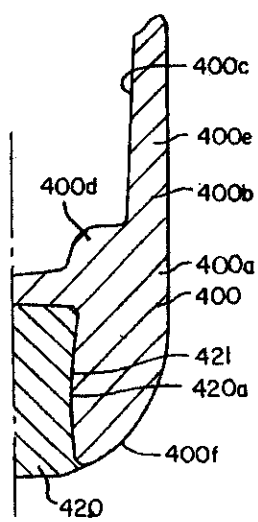
inserting a dispersion strengthened copper insert into said first inner cavity of said billet thereby forming an insert-containing billet; and

deforming said insert-containing billet so as to mechanically lock said insert in place in said billet, said deformed insert-containing billet comprising a resistance welding electrode, said deforming step comprising :

placing said insert-containing billet into a first inner cavity of a first insert-containing billet forming die, said first inner cavity having a first generally rounded lower portion;

applying pressure with a first forming punch to a second portion of said insert-containing billet such that said insert-containing billet is initially deformed so as to have a first shape;

placing said insert-containing billet having said first shape into a second inner cavity of a second insert-containing billet forming die, said second inner cavity having a second generally rounded lower portion;



Complete Specifications : 21 pages. *Drawings: 5 sheets.*

Ind.Cl : 193503

Int. Cl.[7] : F16D – 013/68

Title : AN IMPROVED CLUTCH DISC DEVICE AND A METHOD OF PRODUCING SUCH A DEVICE.

Applicant : EATON CORPORATION , 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, USA.

Inventor : 1. SCHLOSSER KEVIN FRANCIS 2. GOCHENOUR DAN VERN. 3. BATTERTON GREGORY W. 4. SZADKOWSKI ANDRZEJ PIOTR. 5. BASSETT MECHAEL LEE 6. UTHOFF LOREN HERBERT.

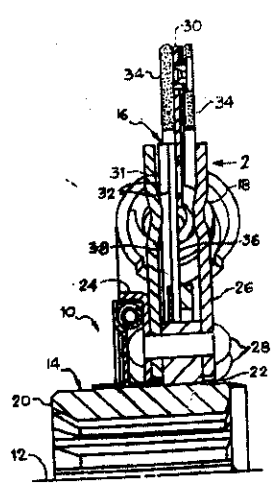
Application no. 209/CAL/2000 FILED ON 11.4.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A clutch driven disc device comprising:
-a hub (14) having an axis of rotation (12);
an annular spring plate (26) rotatably fixed to the hub (14);
-an annular disc means (16) mounted concentric with the axis of rotation (12) relative to the spring plate (26);
-a plurality of drive springs (18) operably disposed between the spring plate (26) and the annular disc means (16); characterized in that
-the annular disc means (16) comprises a reinforcing plate (31) having spring pockets (33) receiving the drive springs (18) and having oppositely facing faces (36,38); an annular disc (30) having a friction element (34) being fixed thereto and having a plurality of attachment apertures (42); a weld bead (44) disposed in each of the attachment apertures (42) fixing the annular disc (30) to one of the reinforcing plate faces (36,38).



Complete Specifications : 10 pages. *Drawings: 1 sheets*

187

193504

Ind.Cl : 55 E4

Int. Cl.[7] : A61K – 9/32, 9/54, 9/58

Title : A PROCESS FOR PREPARING AN EXTENDED RELEASE FORMULATION OF VENLAFAXINE HYDROCHLORIDE.

Applicant : AMERICAN HOME PRODUCTS CORPORATION , FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940 0874, USA.

Inventor : SHERNAH DEBORAH MARIE

Application no. 656/CAL/2001 FILED ON 23.11.2001

(CONVENTION APPLN NO. 60/014,006 FILED ON 25.3.1996 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

A process for preparing an extended release formulation of venlafaxine hydrochloride comprising subjecting spheroids comprised of venlafaxine hydrochloride, microcrystalline cellulose and hydroxypropylmethylcellulose to coating with a coating composition comprising ethyl cellulose and hydroxypropylmethylcellulose.

Complete Specifications : 16 pages. *Drawings: NIL sheets*

Ind.Cl : 206 E 193505

Int. Cl.[7] : H04B – 1/16, 7/26

Title : AN IMPROVED MOBILE TELEPHONE APPARATUS WITH POWER SAVING.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., 1006, OAZA KADOMA, KADOMA-SHI, OSAKA, JAPAN.

Inventor : YUKIO SATO

Application no. 1774/CAL/1997 FILED ON 24.9.1997

(CONVENTION APPLN. NO. 8-256104 ON 27.9.1996 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

An improved mobile telephone apparatus comprising :

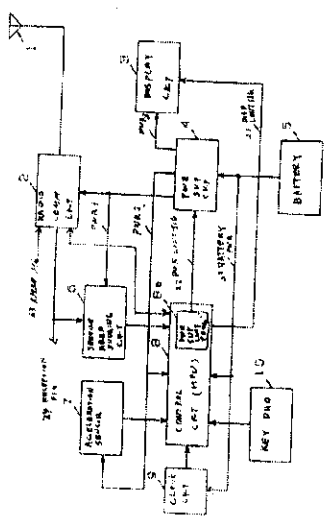
radio communication means having an antenna for receiving a radio wave signal and outputting a reception signal :

judging means responsive to said reception signal for judging whether said mobile telephone apparatus is inside or outside a service area of said radio wave signal ;

detection means for detecting whether said mobile telephone apparatus is in a moving condition or a static condition;

a power supply for supplying a power to said radio communication means ; and

control means responsive to said judging means and said detection means for stopping supplying said power to said radio communication means when said mobile telephone apparatus is outside said service area and said mobile telephone apparatus is in said static condition.



Complete Specifications : 13 pages. *Drawings: 3 sheets.*

193506

Ind.Cl : 134 A

Int. Cl.[7] : E05B – 17/20

Title : DEVICE WITH A KEY ACTIVATABLE LOCK CYLINDER AND A SWITCHING UNIT

Applicant : HUF HULSBECK & FURST GMBH & CO. KG., STEEGER STRASSE 17, 42551 VELBERT, GERMANY.

Inventor : 1. HARALD KEMMANN. 2. JORG SIMON.

Application no. 1836/CAL/1997 FILED ON 30.9.1997.

(CONVENTION APPLN. NO. 19645461.1 ON 5.11.1997 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

A device with a key-activatable lock cylinder (10) and with a switching unit for activating or deactivating electrical functions like ignition starter switch for a vehicle;

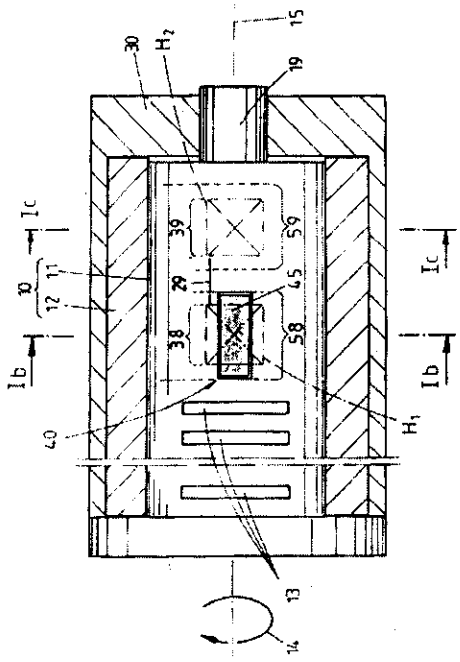
said lock cylinder (10) comprising a fixed cylinder housing (12) and a cylinder core (11) pivotally supported within it;

said cylinder core (11) starting from a starting rotation position (50) is selectively guided by means of the key rotation (14) into one or several defined working positions 51, 52, 53), in which the switching unit executes an electric function in the vehicle or similar object which is specific for this working position;

in the interior of the cylinder core (11), apart from tumblers (13), for locking its rotation in the cylinder housing (12) also a key channel (16) is provided for taking up the key (17) with the purpose of unlocking the cylinder core (11);

and in the circumference of the cylinder core (11) permanent magnets (55) are arranged;

and in the cylinder housing (12) apart from at least one locking channel for the tumblers (13), sensors addressing also the permanent magnets (55) of the cylinder core are arranged,



the cylinder housing (12) carries at least two sensors (H1, H2) in zones (58,59) axially longitudinally displaced with respect to one another (29), whose sensor outputs (21,22) are connected to a common evaluator (20),

and the cylinder core (11) has several permanent magnets (40,55) in the corresponding axial zones (58,59) at those circumference points (46,47,48,49);

which in conjunction with the sensors (H1,H2) deliver an electrical coding to the sensor outputs (21,22), distinguishing the starting rotation position (50) and the different working position (51,52,53) of the cylinder core (11);

the evaluator (20) not only clearly identifies about the code of the starting rotation position (50) and the respective working position (51,52,53) of the cylinder core (11), but also - on the basis of the determined code - releases the electrical functions in the vehicle or similar object which is part of this working position (51,52,53).

Complete Specifications : 17 pages. *Drawings: 7 sheets*

Ind.Cl : 32 F 2 C 193507

Int.Cl[7] : C07C – 273/04

Title : A UREA SYNTHESIS PROCESS AND APPARATUS THEREFOR.

Applicant : TOYO ENGINEERING CORPORATION , 2-5, KASUMIGASEKI 3-CHOME, CHIYODE-KU, TOKYO, JAPAN.

Inventor : 1. YASUHIKO KOJIMA. 2. HIDETSUGU FUJII.

Application no. 1809/CAL/1997 FILED ON 26.9.1997.

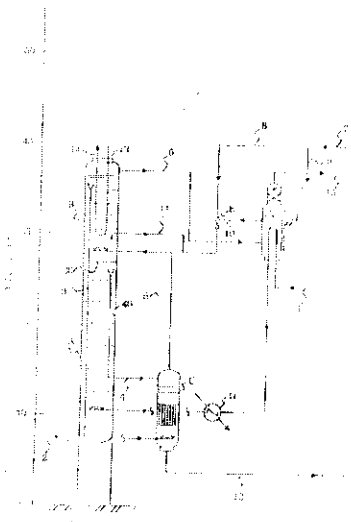
(CONVENTION APPLN. NO. 265969/96 ON 07.10.1996 IN JAPAN AND *279472/96 ON 22.10.1996 IN JAPAN)*

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

15 CLAIMS.

A urea synthesis process including reacting ammonia with carbon dioxide at a urea synthesis temperature and pressure in a urea synthesis zone, bringing the resultant urea synthesis solution containing urea, unreacted ammonia, unreacted carbon dioxide and water into contact with at least a part of feed carbon dioxide in a stripping zone under heating under a pressure nearly equal to said urea synthesis pressure to separate said unreacted ammonia and said unreacted carbon dioxide as a mixed gas of ammonia, carbon dioxide and water, treating further the urea synthesis solution containing unseparated unreacted ammonia and unreacted carbon dioxide to obtain urea, introducing the mixed gas separated in said stripping zone into the bottom part of a vertical condensation zone to bring it into contact with an absorption medium under cooling thereby to condense said mixed gas, and recycling the thus-obtained condensate to the urea synthesis zone; wherein said urea synthesis zone is provided in a lower part of an apparatus and said vertical condensation zone thereon or thereabove; there is provided a first down pipe which has an opening in each of the top part of said vertical condensation zone and the bottom part of said urea synthesis zone to allow said vertical condensation zone to communicate with said urea synthesis zone; there is provided a second down pipe which has an opening in each of the top part of said urea synthesis zone and the top part of said stripping zone; said condensate is delivered to the bottom part of said urea synthesis reaction zone by gravity flow through said first down pipe; said condensate is circulated upwardly through said urea synthesis zone; and the thus-formed urea synthesis solution is delivered to the top part of said stripping zone by gravity flow through said second down pipe from the top part of said urea synthesis zone.



Complete Specifications : 50 pages. *Drawings: 4 sheets*

Ind.Cl : 56 F

193508

Int. Cl.[7] : B01J – 23/24

Title : "IMPROVED H-COAL REACTOR " AND AN IMPROVED METHOD FOR THE LIQUIFACTION OF COAL.

Applicant : DR. AMALESH SIRKAR,76/A, BONDEL ROAD, KOLKATA – 700 019 , WEST BENGAL .

Inventor : DR. AMALESH SIRKAR.

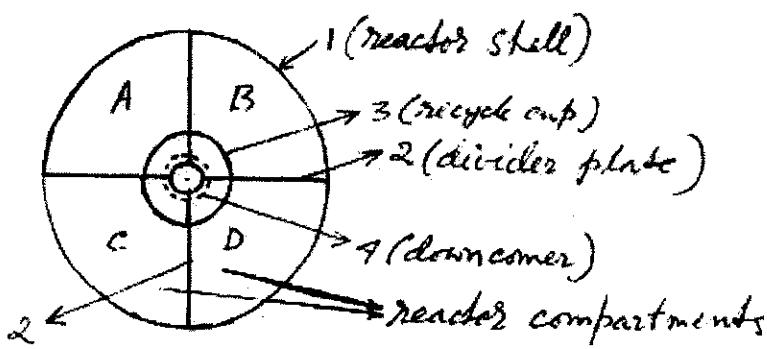
Application no. 1372/CAL/1997 FILED ON 23.7.1997 .

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

Improved 'H – COAL REACTOR' for the liquefaction of Coal comprising an outer Reactor Shell for accommodating a catalyst bed, an intermediate column for withdrawal of oil and catalyst combination, a central down comer within said intermediate column associated with a recycle and coal feed arrangement and then outlet for the gaseous product characterize in that the annular space between the said intermediate column and the outer column is divided into a plurality of the compartments by means of vertical plates each compartment being identical in shape and configuration.



Complete Specifications : 13 pages. *Drawings: 1 sheets*

Ind.Cl : 206 B, E

193509

Int.Cl[7] : H04B – 1/38

Title : DIGITAL TRANSMISSION SYSTEM HAVING A TRANSMITTER AND A RECEIVER FOR TRANSMITTING AND RECEIVING A DIGITAL AUDIO SIGNAL.

Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V., GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventor : EISE CAREL DIJKMANS.

Application no. 1984/CAL/1996 FILED ON 15.11.1996.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

18 CLAIMS.

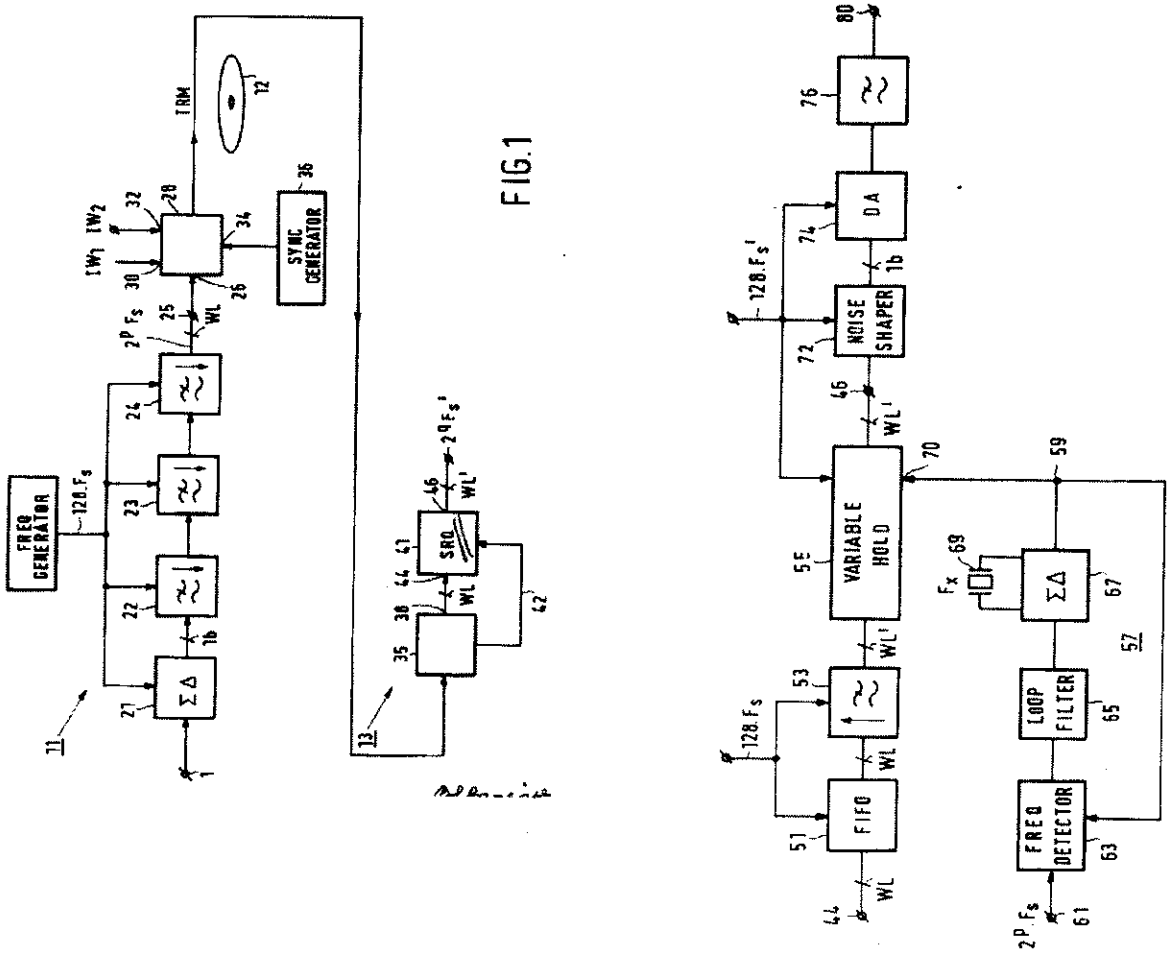


FIG.1

1. Digital transmission system having a transmitter and a receiver for transmitting and receiving a digital audio signal, the digital audio signal being in the form of samples of a specific wordlength and occurring at a specific sampling rate, the transmitter comprising

input means (26, 30, 32) for receiving the digital audio signal and for receiving a first information word having a relationship with the specific wordlength and a second information word having a relationship with the specific sampling rate,

- formatting means (28) for combining the digital audio signal and the first and second information words into a serial datastream suitable for transmission via a transmission medium, the wordlength of the samples in the digital audio signal, expressed in number of bits, being equal to n, where n is an integer larger than zero, and the sampling rate being equal to $2^p.F_s$, where p is an integer larger than zero and F_s is equal to a frequency value taken from a group of at least two frequency values, said group of frequency values comprising 44.1 kHz and 48 kHz, and

the receiver comprising

- input means for receiving the serial datastream from the transmission medium,

- retrieval means (35) for retrieving the first and second information words from the serial datastream, for retrieving the digital audio signal from the serial datastream using the first information word,

- sample rate conversion means (41) for converting the sampling rate of the samples in the digital audio signal supplied by the retrieval means from the sampling rate defined by the second information word into a second sampling rate so as to obtain an in sample rate converted digital audio signal, wherein the second sampling rate is equal to $2^q.F_s'$, where q is an integer larger than zero and F_s' is equal to a frequency value taken from a group of at least two frequency values, said group of frequency values comprising 44.1 kHz and 48 kHz, the samples in said in sample rate converted digital audio signal having a specific wordlength, and

- output means (43) for supplying the in sample rate converted digital audio signal at said second sampling rate.

Complete Specifications : 15 pages. Drawings: 2 sheets

Ind. Cl. : 129 G 193510

Int.Cl[7] : B21C - 1/04

Title : STEEL FIBER MAKING MACHINE .

Applicant : DR. UPENDRA KIMAR SINGH AND DR. RAMESH CHANDRA MISHRA, INDIAN SCHOOL OF MINES , DHANBAD 826 004 , BIHAR , INDIA .

Inventor : 1. DR. UPENDRA KUMAR SINGH
2. DR. RAMESH CHANDRA MISHRA

Application no. 1778/CAL/1996 FILED ON 09.10.1996 .

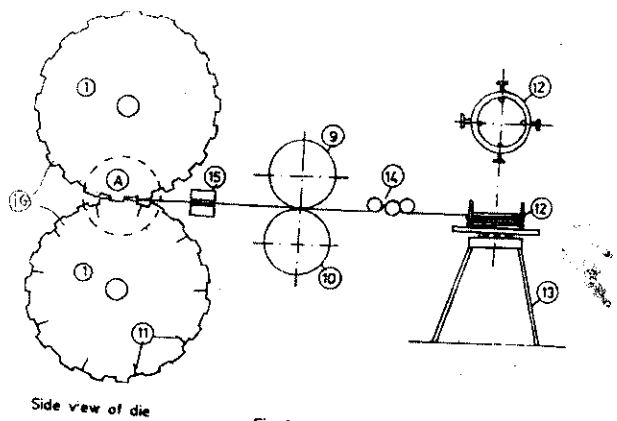
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

A machine for making steel fibers of desired shape and length, comprising :

- a pair of circular dies (1,1' having grooves (16) to give the fiber the desired shape;
- a plurality of cartridge tip cutters (11) embedded on one of the dies (1'), said cutters being provided at regular intervals for cutting the fibers in the desired length; and
- a positive wire feed mechanism (9,10) with gear drives (2,3).



Side view of die

Fig. 1

Complete Specifications : 7 pages. *Drawings: 2 sheets*

Ind.Cl : 68 B 193511

Int. Cl.[7] : H04Q – 1/14, H01R – 9/24

Title : A DEVICE FOR SETTING THE CONTACT POSITION OF CONTACT POINTS OF A CONTACT COMPONENT IN A DISTRIBUTI ON FRAME OF A TELECOMMUNICATION SYSTEM.

Applicant : SIEMENS AKTIENGESELLSCHAFT, WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY .

Inventor : WOLFGANG BRENNER .

Application no. 59/CAL/1998 FILED ON 13.6.1998 .

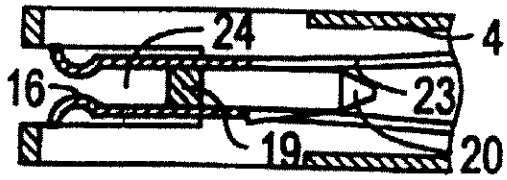
(CONVENTION APPLN. NO. 19700843.7 ON 13.1.1997 IN GERMANY).

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

A device for setting the contact position of contact points (16) of a contact component (4) in a distribution frame of a telecommunications system, the contact component (4) being provided with two rows of connecting elements (7,8), which are situated opposite one another in pairs and can be interconnected, for incoming and outgoing lines (17), the connecting elements (7,8) being connected to contact springs (15) on whose free outer ends there are constructed the contact points (16) which are arranged opposite one another and onto which mating contacts (14) of a contactor assembly (12) can be plugged, it being possible to interconnect the incoming and outgoing lines (17) directly via the respective oppositely arranged contact points (16), or the inserted contactor assembly (12), characterized in that, an insulating spreader element (18;29) is provided which can be plugged in optionally between the respective contact springs (15) in order to spread the respective oppositely arranged contact springs (15) away from one another so as to hold the respective contact points (16) inan open position in which the distance between the open contact points (16) is smaller than the corresponding distance between the mating contacts (14) of the contactor assembly (12) so that the mating contacts can make contact with both of the associated oppositely arranged contact points (16).



Complete Specifications : 8 pages. *Drawings: 2 sheets*

Ind.Cl : 32 F 2 193512

Int. Cl.[7] : C07C – 209/26

Title : PROCESS FOR PRODUCING DIAMINES .

Applicant : KURARAY CO. LTD., 1621, SAKAZU, KURASHIKI-CITY, OKAYAMA - PREF. , JAPAN .

Inventor : 1. KATRUSHI NAGAREDA. 2. YOSHIHIRO TOKUDA. 3. SHIGEAKI SUZUKI .

Application no. 750/CAL/1998 FILED ON 27.4.1998 .

(CONVENTION APPLN. NO. 123867/1997 ON 14.5.1997 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

4 CLAIMS.

A process for producing diamines by feeding a dialdehyde or a solution obtained by dissolving the dialdehyde in a solvent to a reactor where a hydrogenation catalyst, the solvent, ammonia and hydrogen are present and subjecting the dialdehyde to reductive amination reaction to obtain the corresponding diamine, said process comprising using an alcoholic solvent as the solvent and effecting the reaction at a temperature of 40 to 200 °C while maintaining the water concentration in the reaction mixture at 5 to 15% by weight.

Complete Specifications : 29 pages. *Drawings: NIL sheets*

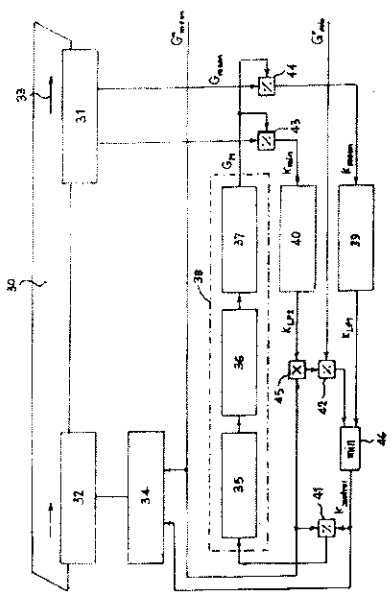
Ind.Cl	:	70C 4	193513
Int. Cl.[7]	:	C25D – 21/12 ; 7/06	
Title	:	METHOD AND A COATING PLANT FOR COATING A METAL STRIP	
Applicant	:	SIEMENS AKTIENGESELLSCHAFT , WITTELSBACHERPLATZ 2, 80333 MUENCHEN , GERMANY .	
Inventor	:	DR. WILFRIED TAUTZ	
Application no.		292/CAL/1998 FILED ON 23/2/1998 .	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

14 CLAIMS.

Method for coating a metal strip with a coating metal, in a coating plant, in particular for coating a steel strip with zinc or a zinc/nickel compound, by means of at least one galvanic cell through which current flows and which contains an electrolyte through which the metal strip is led, the current effecting the deposition of a layer of coating metal on the metal strip, and the current being controlled by means of a monitor controller that has a process model and a controller part in such a way that a layer of a desired intended thickness is deposited on the metal strip, characterized in that, in the event of changes in the state of the coating plant, in particular when a new metal strip runs in or the coating falls below a minimum intended layer thickness, a time constant of the controller is adjusted to match the altered state of the coating plant.



Complete Specifications : 19 pages. *Drawings: 3 sheets*

Ind.Cl : 201 193514

Int. Cl.[7] : C02F – 1/44

Title : PROCESS AND APPARATUS FOR TREATMENT OF FEEDWATER BY HIGH EFFICIENCY REVERSE OSMOSIS OPERATION WITH MEMBRANE SEPARATION EQUIPMENT.

Applicant : DEBASISH KUKHOPADHYAY, 4211 POMONA AVENUE, PALOALTO, CALIFORNIA 94306-4312, USA.

Inventor : DEBASISH MUKHOPADHYAY.

Application no. 1485/CAL/1997 FILED ON 12.8.1997.

(CONVENTION APPLN, NO. 08/695,615 ON 12.8.1996 & 60/036,682 ON 1.3.1997 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

82 CLAIMS.

A process for treatment of feedwater by high efficiency reverse osmosis operation with membrane separation equipment said membrane separation equipment comprising at least one unit having a membrane separator, said feedwater containing solutes therein, said solutes comprising

(i) hardness,

(ii) alkalinity, and

(iii) at least one molecular species which is sparingly ionized when in neutral or near neutral pH aqueous solution; said process comprising

(a) effectively eliminating the tendency of said feedwater to form scale when said feedwater is concentrated at a selected pH to a preselected concentration factor in a first membrane separator unit of said membrane separation equipment, by effecting before concentration, in any order, two or more of the following:

(i) removing hardness from said feedwater stream;

(ii) removing substantially all alkalinity associated with hardness from said feedwater stream;

(iii) removing dissolved gas from said feedwater stream, whether initially present or created during said hardness or said alkalinity removal step;

(b) raising the pH of the product from step(a) to a selected pH of at least about 8.5, to urge said at least one molecular species which is sparingly ionized when in neutral or near neutral pH aqueous solution toward increased ionization;

(c) passing the product from step(b) above through said membrane separation equipment, said membrane separation equipment substantially resisting passage of dissolved species therethrough, to concentrate said feedwater to said preselected concentration factor, to produce

(i) a high solute containing reject stream, and

(ii) a low solute containing product stream.

Complete Specifications : 86 pages. Drawings: 13 sheets

Ind.Cl : 206 E 193515

Int. Cl.[7] : H01Q – 1/36

Title : A HANDHELD RADIO COMMUNICATION UNIT HAVING AN ANTE NNA .

Applicant : SARANTEL LIMITED , 85 WEST TASMAN DRIVE , SAN JOSE , CALIFORNIA 95143-1703, USA .

Inventor : OLIVER PAUL LEISTEN .

Application no. 75/CAL/1997 FILED ON 15.1.1997 .

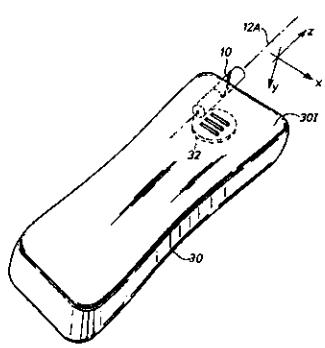
(CONVENTION APPLN. NO. 9601250.5 ON 23.1.1996 & 9610581.2 ON 21.5.1996 IN UK.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

31 CLAIMS.

A radio communication unit (30) having an antenna (10) which comprises an antenna element structure including a pair of antenna elements disposed co-extensively in an opposing configuration and connected together to form a loop, the antenna including an electrically insulative core, characterized in that

- the unit is a handheld unit having a radio transceiver and an integral earphone (32) for directing sound energy from an inner face (30I) of the unit, which, in use, is placed against the user's ear;
- the antenna (10) is coupled to the tarnsceiver and located in the region of the earphone (32); the core of the antenna is of a solid material having a relative dielectric constant greater than 5, the antenna elements (10A, 10B) being disposed on or adjacent the outer surface of the core (12);
- the antenna element structure has a radiation pattern which has a null in direction transverse to the antenna elements, and the antenna is so mounted in the unit (30) that the null is directed generally perpendicularly to the said inner face (30I) of the unit to reduce the level of radiation from the unit in the direction of the user's head.



Complete Specifications : 14 pages. Drawings: 3 sheets

Ind.Cl : 40 C

193516

Int. Cl.[7] : B05D 3/02; 7/06; B27K 3/52

Title : AN AQUEOUS DISPERSION OF A PARTICULATE SOLID HAVING A HYDROPHOBIC OUTER SURFACE AND FILMS PRODUCED THEREBY

Applicant : 1. ENGELHARD CORPORATION, 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830-0770, USA. AND 2. THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL – TURE, U.S. DEPARTMENT OF AGRICULTURE, WASHINGTON,DC

Inventor : 1. DENNIS G. SEKUTOWSKI . 2. GARY J. PUTERKA . 3. D. MICHAEL GLANN.

Application no. 323/CAL/1998 FILED ON 27/2/1998 .

(CONVENTION APPLN. NO. 8/812,301 ON 5.3.1997 IN USA .

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

An aqueous dispersion comprising.

(a) a particulate solid material such as herein described, having a hydrophobic outer surface;

(b) an amount of a low boiling organic liquid such as herein described 3(e) sufficient to enable said particulate solid material to form a dispersion in water and to retain the hydrophobic outer surface upon drying, and

(c) water

Complete Specifications : 16 pages. Drawings: NIL sheets

Ind. Cl.	:	107 C	193517
Int.Cl[7]	:	B32B 3/12 ; B01J 35/04	
Title	:	AN EXTRUDED HONEYCOMB ASSEMBLY .	
Applicant	:	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH , HAUPTSTRASSE 150, D-53797 LOHMAR , GERMANY .	
Inventor	:	1. ROLF BRUCK . 2. WOLFGANG MANS.	
Application no.		143/CAL/1998 FILED ON 28.1.1998 .	

(CONVENTION APPLN. NO. 19704144.2 ON 04.2.1997 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

14 CLAIMS.

An extruded honeycomb assembly, comprising:

a honeycomb body extruded in one piece and having an edge, an interior, and an outside periphery, said honeycomb body including:

first passage walls having a first thickness; second passage walls having a second thickness thicker than said first thickness, said first passage walls and said second passage walls being formed of a same material and defining a plurality of passages therebetween through which an exhaust gas can flow, at least a portion of said plurality of passages being at least one of enclosed and separated from each other by said first passage walls, and at least a part of said plurality of passages being one of enclosed and separated from each other by said second passage walls; and

a stabilizing wall structure formed of said second passage walls for stabilizing said honeycomb body, said passage walls of said stabilizing wall structure being a plurality of substantially straight wall portions of said second thickness, all of said plurality of substantially straight wall portions disposed perpendicularly to said edge of said honeycomb body and one of extending from a respective outside into said interior of said honeycomb body and passing though said honeycomb body, and none of said plurality of passages being enclosed by said second passage walls forming said plurality of substantially straight wall portions.

Complete Specifications : 12 pages. Drawings: 3 sheets

Ind. Cl. : 160 A 193518

Int.Cl[7] : B21D 1/12

Title : A DEVICE AND METHOD FOR ALIGNMENT OF A VEHICLE .

Applicant : AUTOROBOT FINLAND OY , YRITTAJANTIE 23, FIN-70150 KUOPIO , FINLAND .

Inventor : OLAVA VENALAINEN .

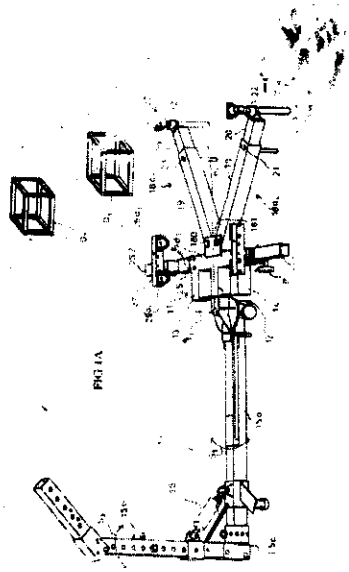
Application no. 1577/CAL/1997 FILED ON 27/8/1997 .

(CONVENTION APPLN. NO. 963543 ON 09.9.1996 IN FINLAND)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.



A device (10) for alignment of a vehicle, by means of which device alignment power is applied to the object of alignment in the vehicle while the vehicle is attached to the alignment device (10), characterized in that the alignment device comprises a base frame (11) and an alignment boom (15) attached or attachable to it through or by means of which boom the power is applied to the object of alignment in the vehicle, and a first set of skirt fastening ($29a_1$, $29a_2$), being connected to the base frame (11) of the alignment device and which can be positioned perpendicularly to the longitudinal axis (X-axis) of the base frame (11) and in that a second set of skirt fastenings (235) on pivotal beams ($18a_1$, $18a_2$) is mounted on the base frame (11), in which connection the vehicle can be attached to the alignment device (10) from two points at each side by means of the skirt fastenings ($29a_1$, $29a_2$) connected to the base frame (11) and by means of the skirt fastenings (235) connected to the pivotal beams ($18a_1$, $18a_2$).

Complete Specifications : 16 pages. *Drawings: 14 sheets*

Ind. Cl. : 128 G, 55 F 193519

Int.Cl[7] : G01N 33/50 ; 33/558

Title : A VESSEL FOR CONDUCTING AN AGGLUTINATION ASSAY .

Applicant : ORTHO DIAGNOSTIC SYSTEMS INC. , 1001 U.S. ROUTE NO. 202 RARITAN , NJ 08869 , USA.

Inventor : 1. WALTER MILCHANOSKI 2. MILAN JORIK 3. KATHLEEN J. REIS 4. DIANE E. BECHTOLD, 5. LINDA DAVIS . 6. THOMAS M. SETCAVAGE , 7. DONALD M. DAVIES.

Application no. 185/CAL/1997 FILED ON 31.1.1997 .

(CONVENTION APPLN. NO. 08/595,719 ON 02.2.1996 IN USA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.

A vessel for conducting an agglutination assay comprising:

a) an upper chamber having an opening for accepting fluid reactants;

b) a lower chamber disposed to receive fluid from the upper chamber and containing a matrix for separating agglutinates; and

c) a barrier separating the upper chamber from the lower chamber and having means for retaining fluid in the upper chamber under normal gravity and atmospheric conditions, while permitting passage of the fluid from the upper chamber to the lower chamber under pressure greater than atmospheric pressure.

Complete Specifications : 35 pages. *Drawings: 9 sheets*

Ind.Cl : 39 N 193520

Int.Cl[7] : B 22 D 11/001

Title : AN APPARATUS FOR PRODUCING INORGANIC SPHERICAL PARTICLES AND METHOD THEREFORE .

Applicant : DENKI KAGAKU KOGYO KABUSHIKI KAISHA , 4-1 , YURAKU-CHO 1-CHOME, CHIYODA –KU, TOKYO, JAPAN.

Inventor : 1. AKIRA KOBAYASHI . 2. SUSUMU MIZUTANI .

Application no. 1505/CAL/1998 FILED ON 24.8.1998 .

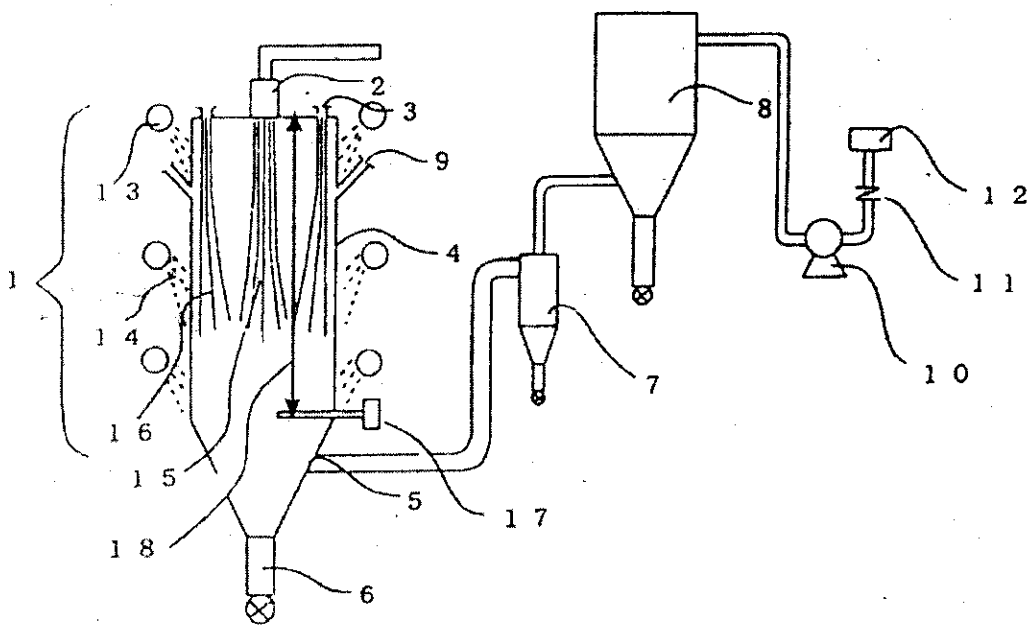
(CONVENTION APPLN. NO. 9-228002 ON 25.8.1997 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

An apparatus for producing inorganic spherical particles by supplying raw material, such as herein described, through a burner so as to pass through a flame, having a flame temperature not lower than 1,800° C and injecting it into a cooling tower, characterized in that the inner surface of the cooling tower is made of a metal, such as herein described.



Complete Specifications : 28 pages. *Drawings: 1 sheets*

Ind.Cl : 86B, 86D

193521

Int. Cl.[7] : A47C 31/02, B60N 2/44, 2/58

Title : AN ATTACHMENT SYSTEM FOR A VEHICLE SEAT

Applicant : GOTTLIEB BINDER GMBH & CO., OF BAHNHOFSTR. 19, 71088 HOLZGERLINGEN, GERMANY, A GERMAN COMPANY.

Inventor : AXEL SCHULTE

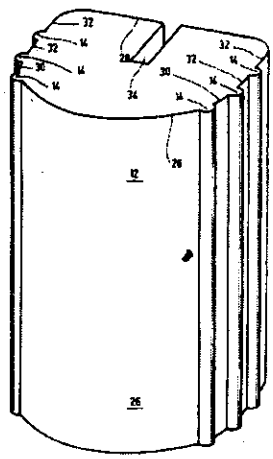
Application no. 1251/CAL/98 FILED ON 17/07/98
(CONVENTION APPLN. NO. 19808995.3 ON 03/03/98 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.

An attachment system for a vehicle seat having at least one padded element (10) of a foamed material which is surrounded by at least one upholstered element which is connected to at least one structural strip (12), which acts as hooking means and which has hooking elements (14) on its outer peripheral face, a longitudinal channel (16) which is adapted to the shape of the respective structural strip (12) being provided, wherein the longitudinal channel (16) is provided in the padded element (10) and has, in the longitudinal direction thereof, recesses (18) which serve to engage the hooking elements and which open into the longitudinal channel (16) and are in the form of grooves.



Complete Specifications : 9 pages. *Drawings: 2 sheets*

Ind.Cl : 36B

193522

Int. Cl.[7] : F04D 7/04

Title : "A PUMP OF A CENTRIFUGAL-OR HALF AXIAL TYPE FOR PUMPING OF SEWAGE WATER"

Applicant : ITT MANUFACTURING ENTERPRISES INC., A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE, USA OF 1105, NORTH MARKET STREET, WILMINGTON, DELAWARE 19801, USA.

Inventor : UIF ARBEUS

Application no. 1529/CAL/98 FILED ON 26/08/98
(CONVENTION APPLN. NO. 9704729.4 ON 18/12/97 IN SWEDEN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

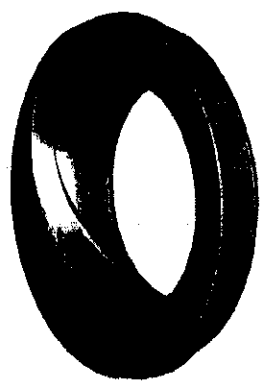
PATENT OFFICE KOLKATA.

5 CLAIMS.

A pump of a centrifugal-or half axial type for pumping of sewage water, comprising a pump housing (1) having a cylindrical inlet (2) and an impeller (3) consisting of a central hub (4) and one or several vanes (5) with leading edges (6) being swept backwards and located in the inlet part (2) in a plane mainly perpendicular to the impeller shaft (z), one or several feeding grooves (8) being arranged in the wall of the pump housing (1) on a surface (7) opposite said vanes (5), said grooves (8) being located upstream of the area of said leading edges (6), routing from inlet towards outlet and sweeping in the rotation direction of the impeller, characterized in that a cylindrical cut (B-B) through the groove (8) shows a smooth connection to the pump housing surface (7) at the side from which the impeller (3) passes, with an angle (γ) between the sloping part (14) of the groove and the pump housing surface (7) and defined as :

$$\gamma = \arctan (\Delta z / (r \cdot \Delta\theta)),$$

where Δz is the axial displacement and $r \cdot \Delta\theta$ is the tangential extension, said (γ) having a value between 2 and 25 degrees.



Complete Specifications : 11 pages. ***Drawings: 2 sheets***

Ind.Cl : 2B (3) **193523**

Int. Cl.[7] : B44F 1/12, G03H 1/04, G07D 7/00

Title : "A SECURITY ELEMENT FOR DOCUMENTS AND A METHOD FOR ITS FABRICATION"

Applicant : BUNDESDRUCKEREI GMBH OF ORANIENSTRASSE 91, D-10958 BERLIN, GERMANY, A GERMAN COMPANY.

Inventor : LANG CHRISTIAN, DE JONGH RUDI, DAUSMAN GUNTHER, HOEPPNER HARALD, LOER THOMAS, MARTENS DETLEF.

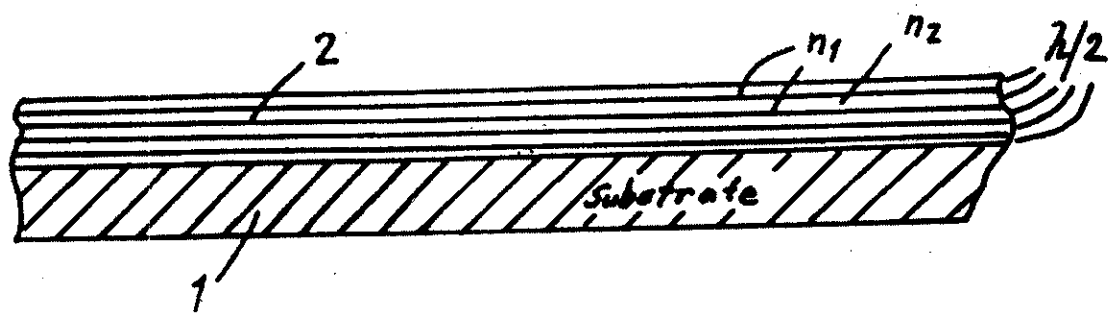
Application no. 1479/CAL/98 FILED ON 19/08/98
(CONVENTION APPLN. NO. 19752704.3, 19810134.1 ON 27/11/97, 09/03/98 IN SWEDEN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

5 CLAIMS.

A security element for a document with a substrate, characterized in that, the security element comprises a volume hologram into wich a kinetic effect has been introduced.



Complete Specifications : 6 pages. *Drawings: 1 sheets*

Ind.Cl : 144 (A) *193524*

Int. Cl.[7] : B32B 15/04, 17/10, 27/36, 27/08, 15/08

Title : "AN IMPROVED ADHESIVELESS MASKING FILM"

Applicant : TREDEGAR FILM PRODUCTS CORPORATION, A CORPORATION OF THE STATE OF VIRGINIA, USA, OF 1100 BOULDERS PARKWAY, RICHMOND, VIRGINIA 23225, USA.

Inventor : FARID FOTOOHI GHIAM AND JAMES PETER DIPOTO.

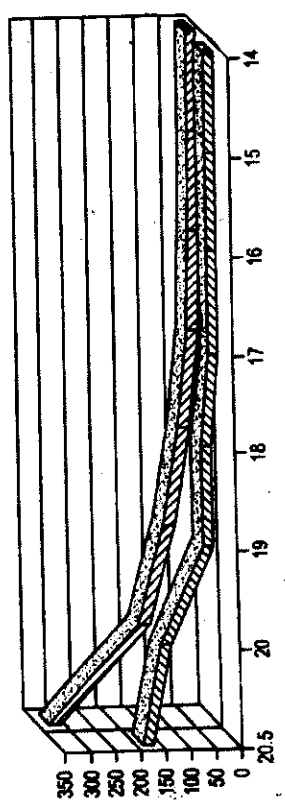
Application no. 1992/CAL/98 FILED ON 11/11/98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

20 CLAIMS.

An improved adhesiveless masking film, comprising:
a first side of the film having a smooth surface that does not have an adhesive coating;
a second side of the film having a rough surface;
wherein the smooth surface of the film ranges in smoothness from 0-60 Ra and the rough surface of the film ranges in roughness from 65-600 Ra;
said smooth surface of the first side of the film adapted for removably adhering to a surface of a substrate when placed in intimate contact with said surface of a substrate;
said first side comprising at least two components preselected to affect the amount of adhesion produced between the smooth surface of the first side and the surface of the substrate at a given temperature;
wherein one of said at least two components comprises a metallocene catalyzed copolymer of ethylene with a comonomer selectad from the group consisting of octene, hexena, and butene; and
wherein another of said at least two components is selected from the group consisting of polyolefins (homopolymers and copolymers), polyvinyl alcohol, nylon, polyester, polystyrene, polymethylpentene, polyoxlmethylene, and blends thereof.



Complete Specifications : 29 pages. ***Drawings: 2 sheets***

Ind.Cl : 163D

193525

Int. Cl.[7] : F04D 29/44

Title : "A CIRCULATION PUMP A DOUBLE SPIRAL HOUSING"

Applicant : KSB AKTIENGESELLSCHAFT, OF JOHANN-KLEIN-STRASSE 9, D-67227 FRANKENTHAL, GERMANY, A GERMAN COMPANY.

Inventor : STEPHAN BROSS AND PETER HERGT.

Application no. . 1120/CAL/98 FILED ON 25/06/98
(CONVENTION APPLN. NO. 19740590.8 ON 15/09/97 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

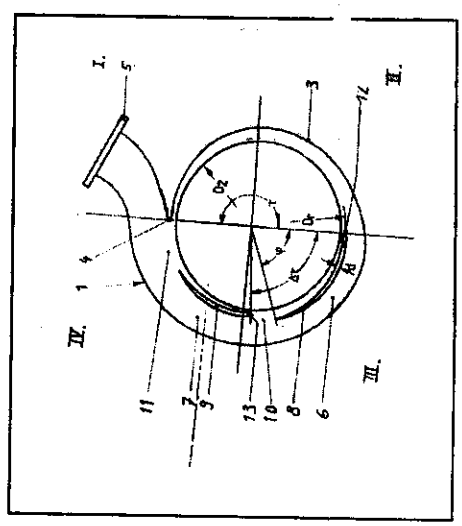
11 CLAIMS.

A circulation pump comprising of:

- a housing (1) in the manner of a double spiral
- the said housing (1) includes a housing lip (4) defining the outlet passage,
- a rib configured as a dividing wall disposed in the said housing,

Characterised in that

- the said rib is made at least bipartartite spaced from each other to form one or more gaps (10) between the rib parts (8,9).



Complete Specifications : 9 pages. *Drawings: 2 sheets*

Ind.Cl : 9 (F) ***193526***

Int. Cl.[7] : C22C 9/06, B22D 11/06

Title : "A CASTING ROLLER FOR A DOUBLE ROLL CASTING PLANT"

Applicant : KM EUROPA METAL AKTIENGESELLSCHAFT, OF KLOSTERSTRASSE 29, D-49074, OSNABRUCK, GERMANY, A JOINT STOCK COMPANY ORGANISED UNDER THE LAWS OF GERMANY.

Inventor : RODE DIRK, RIECHERT FRED, HELMENKAMP THOMAS AND WOBKER HANS-GUNTER.

Application no. 603/CAL/02 FILED ON 22/10/02
(CONVENTION APPLN. NO. 10156926.2, 10224268.2 ON 21/11/01, 31/05/02 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

15 CLAIMS.

A casting roller for a double roll casting plant that is subjected to temperature variations/fluctuations and high rolling pressures for the casting of strips close to the final dimensions, wherein said roller has a casing of an age-hardenable copper alloy comprising of - 0.4% to 2% by weight of cobalt, which can be partially replaced by nickel 0.1% to 0.5% by weight of beryllium ; 0.03% to 0.5% by weight of ziroconium ; 0.005% to 0.1% by weight of magesium ; and, if necessary, maximum upto 0.15% by weight of at least one element, selected from the group consisting of niobium, manganese, tantalum, vanadium, titanium, chromium, cerium and hafnium, the rest being copper, including impurities usually associated with the production and the processing of the alloys.

Complete Specifications : 17 pages. Drawings: sheets

Ind.Cl : 123 *193527*

Int. Cl.[7] : A01N 65/00

Title : "AN IMPROVED METHOD FOR THE PREPARATION OF PLANT GROWTH NUTRIENT OF ENHANCED ACTIVITIES"

Applicant : WEST BENGAL PHARMACEUTICALS & PHYTOCHEMICAL DEVELOPMENT CORP. LIMITED, (GOVT. OF WB UNDERTAKING), ILACO HOUSE (2ND FLOOR), 1 & 3, BIPLABI TRAILAKYA MAHARAJ SARANI, CAL- 700 001, WB, INDIA..

Inventor : DR. SALIL KUMAR CHATERJEE AND DR. PRANAY KANTI GHOSH

Application no. 224/CAL/02 FILED ON 22/04/02
(DIVISINOAL APPLN. NO. 413/CAL/96 ANTE DATED 07/03/96)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

4 CLAIMS.

A method for preparing an improved plant growth nutrient composition from sugar cane mud which comprises

(A) first preparing high purity triacontanol of at least 96% purity according to the process described and claimed in our no 188438 of 07. 03. 1996 (413/CAL/1996) namely:

i. Subjecting sugarcane press mud to a step of organic solvent extraction,

ii. Recovering the sugarcane wax there from.

iii. Subjecting an alcoholic suspension of the sugarcane wax to a step of trans-esterification with an alkaline alkoxide.

iv. Concentrating the esterified product,

v. Subjecting sama to organic solvent extraction in the presence of inorganic acid.

vi. Followed by the filtration of the extract to obtain crude triacontanol, where after.

vii. The crude product is subjected to crystallization using organic solvent to obtain technical grade traicontanol.

viii. Converting same to high purity grade by purification through column Chromatography on silicagel using solvents of varying polarity and

ix. Collecting pure n-triacontanol from petroleum ether fraction which is filtered and dried to obtain pure n-trianontanol crystals and there after

(B) Converting the said pure triacontanol into applicable formulations like emulsions / solutions / or other useful forms with or without conventional micro nutrients. in a conventional manner using conventional ingredients.

Complete Specifications : 12 pages. Drawings: NIL sheets

193528

Ind.Cl : 127 (G)

Int. Cl.[7] : F16H 3/38

Title : "A REVERSE SHIFI DEVICE OF A MANUAL TRANSMISSION"

Applicant : HYUNDAI MOTOR COMPANY, OF 231, YANGJAE-DONG, SEOCHO-KU, SEOUL, REPUBLIC OF KOREA, A CORPORTION ORGANIZED UNDER THE LAWS OF KOREA.

Inventor : LEE SANG CHEOL

Application no. 640/CAL/01 FILED ON 19/1101
(CONVENTION APPLN. NO. 2001-27180 ON 18/05/01 IN REPUBLIC OF KOREA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

4 CLAIMS.

A reverse shift device of a manual transmission comprising :

an idle axle fixed at a transmission case ; and

an idle synchronizer installed at the idle axle for switching a state of transmitting the rotational force of an input axle to an output axle at the time of forward-reverse shifts, said idle synchronizer comprising :

an idler clutch gear installed at the idle axle of the transmission case for free rotation ;

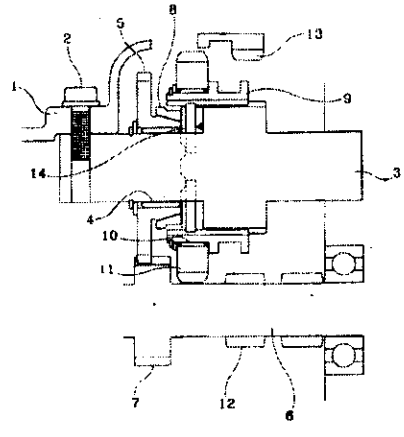
an input gear mounted at the input axle to be meshed to the idler clutch gear ;

a reverse synchronizer ring installed at the idle axle adjacent to the idler clutch gear ;

an idler sleeve spline-coupled with the idle axle to be movable in the axial direction ;

an idler gear rotatably installed at the idler sleeve for switching the state of being simultaneously meshed with the reverse drive gear of the input axle and the reverse driven gear of the output axle according to the axial movement of the idler sleeve ; and

a synchro-ring operating means for closely contacting the reverse synchronizer ring to the idler clutch gear when the idler sleeve moves in the direction of enabling the idler gear to be meshed with the reverse drive gear and the reverse driven gear.



Complete Specifications : 7 pages. ***Drawings: 4 sheets***

Ind.Cl : 33A

193529

Int. Cl.[7] : B22D 11/041, 11/055

Title : "A MOLD-TRAVELLING CONTINUOUS GRAVITATIONAL CASTING LINE ASSEMBLY"

Applicant : HEKIKAI KOUKI CO. LTD., OF 8, YOKOMICI-HIGASI, YONNOWARI, TERAZU-CHO, NISHIO-SHI, AICHI, JAPAN. A JAPANESE COMPANY..

Inventor : IKEDA YOSHIO AND SUGIURA KATUJI

Application no. 563/CAL/99 FILED ON 21/06/99

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

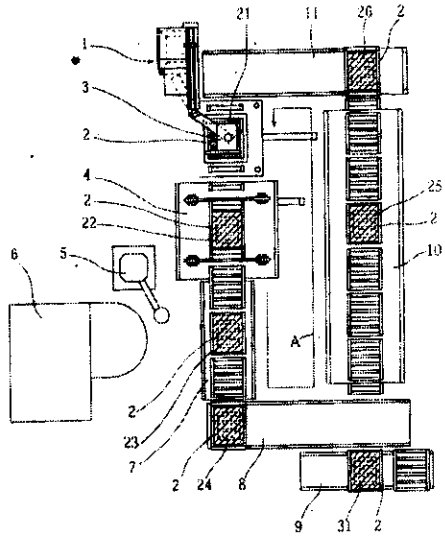
PATENT OFFICE KOLKATA.

5 CLAIMS.

A mold-travelling continuous gravitational casting line assembly comprising a plurality of conveying apparatus arranged in a substantially rectangular shape, the plurality of conveying apparatus moving a plurality of molds for continuous gravitational casting through successive pouring of molten metal into the molds :

wherein there are provided a cast pick-up apparatus, a casting apparatus, a cast solidifying/cooling apparatus, and a downwardly-opening mold preheating/cooling apparatus having a burner, fan and a ventilating path ; characterized in that each of the above apparatus is provided in the conveying apparatus independently from each other for decantralized operation of removing a cast, satting a core, pouring molten metal, casting, cooling for cast solidification, preheating and cooling, in a cycle of casting step;

and in that there is provided a mold loading/unloading apparatus independent from the conveying apparatus for selectively handling different kinds of molds and casts having differant cooling/solidifying time due to the shape and size of the cast, thereby allowing quick replecement of the molds without interrupting the casting operations.



Complete Specifications : 19 pages. ***Drawings: 5 sheets***

Ind.Cl : 206 (E) ***193530***

Int. Cl.[7] : G06K 19/06

Title : "A BI-DIRECTIONALLY LINEARLY SCANABLE BAR CODE PATTERN"

Applicant : HEWLETT-PACKARD COMPANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF DELAWARE OF 1209 ORANGE STREET, WILMINGTON, DELAWARE 19801, USA.

Inventor : THOMAS F UHLING

Application no. 1999/CAL/98 FILED ON 11/11/98
(CONVENTION APPLN. NO. 09/034787 ON 04/03/98 IN USA)

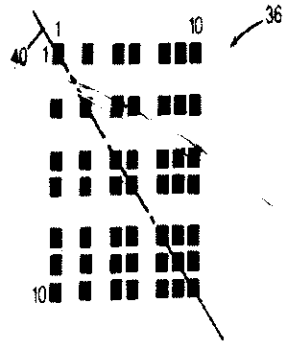
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A bi-directionally linearly scannable bar code pattern comprising :

- a parallel array of alternating elongated first portions and second portions;
- each of the first portions having a first optical characteristic, and each of the second portions having a distinct second optical characteristic,
- each of the first portions and each of the second portions having a respective selected width selected from a range of different widths;
- each of the first portions comprising an elongated bar having a common series of alternating first segments and second segments;
- each of the first segments having the first optical characteristic, and each of the second segments having the second optical characteristic;
- each of the first segments and each of the second segments having a selected length;
- the length of each first segment in the series being equal to the width of a corresponding first portion at a corresponding place in the array;
- the length of each second segment in the series being equal to the width of a corresponding second portion at a corresponding place in the array; and
- a substrate having an edge, comprising multiple instances of the pattern printed along the edge of the substrate, characterized in that the first segments of the first portions comprise printed portions of the substrate, and in that the second portions and second segments comprise unprinted portions of the substrate.



Complete Specifications : 10 pages. *Drawings: 3 sheets*

Indian Classification	:	**$32F_{3C}$**	**193531**
International Classification[4]	:	**C07C 027/00**	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATIONOF 1,4 BUTENEDIOL ,OR A MIXTURE OF 1,4 BUTENEDIOL AND 1,4 BUTANEDIOL"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAGHUNATH VITTHAL CHAUDHARI CHANDRASHEKHAR VASANT RODE REGNASWAMY JAGANATHAN MANISHA MADHUKAR TELKAR VILAS HARI RANE-ALL INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 304/DEL/2000 filed on 23.03.2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(07 Claims)

An improved process for the preparation of 1,4 butenediol, or a mixture of 1,4 butenediol and 1,4 butanediol which comprises;

a) hydrogenating 1,4 butynediol in aqueous solution in the range of 10-70% using platinum supported Ca CO_3 catalyst at gas hourly space velocity (GHSV) in the range of 500-12000h^{-1} and liquid hourly space velocity (LHSV) between 0.05 -15h^{-1}, at a temperature in the range of 20-190^{0}C under hydrogen pressure of 5-100bar,

b) recovering the products by conventional method such as distillation.

(Complete Specification 19 Pages Drawings NIL Sheets)

Indian Classification	:-	187 C 1 **193532**
International Classification[7]	:-	H 04 M 11/00
Title	:-	" A DEVICE USEFUL FOR TRANSMITTING STANDARD TIME OVER A TELEPHONE NETWORK "
Applicant	:-	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001.
Inventors	:-	PARAMESWAR BANERJEE - INDIA.
Kind of Application	:-	COMPLETE

Application for Patent Number 2472/del/1995 filed on 29/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 03)

A device useful for transmitting standard time over a telephone network which comprises a pluse generator(1) capable of being synchronized with a standard external clock, characterised in that the output of the said generator(1) being connected directly through an I/O interface(3) to a CPU (2) having RAM and EPROM, the said CPU(2) being connected to a key board(7) and to a digital display unit (5) through an interface(4), the said CPU(2) being connected to an interface (6) capable of making the signals compatible for connecting to a telephone modem.

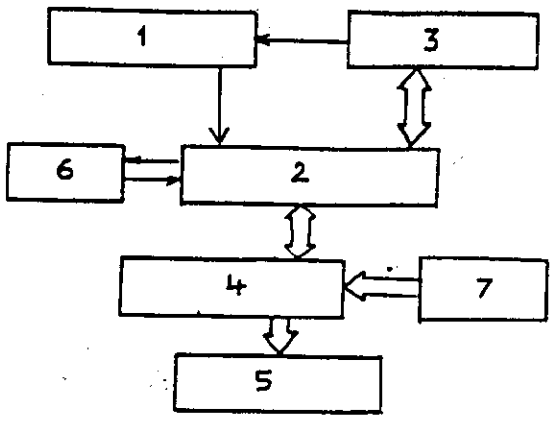


Fig. 1

Complete Specification No of Pages 12 Drawings Sheets 02

Indian Classification	:	32B	193533
International Classification[4]	:	C07C 045/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF METHYL ETHYL KETONE FORM SECONDARY BUTYL ALCOHOL"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventor	:	ALIVE KESHAVARAJA. JAMES VIOLET SAMUEL ARUMUGAMANGALAM- VENKATARAMAN RAMASWAMY-all Indian.	
Kind of Application	:	Complete	

Application for Patent Number 2460/DEL/1995 filed on 29th Dec. 1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

An improved process for the preparation of methyl ethyl ketone from secondary butyl alcohol which comprises oxidation/dehydrogenating of secondary butyl alcohol by passing the feed consisting of secondary butyl alcohol in vapour form over fixed bed of an amorphous copper – silica catalyst such as here in described having copper content ranging from 5 to 50 mole% with respect to silca, a total surface area of 400-700m^2/g and pore radius between 5 and $4A^0$, in the range of 1 to $20h^{-1}$LHSV (liquid hourly space velocity) at a temperature in the rage of 210 –300^0C, atleast at atmospheric pressure, in presence or absence nitrogen flow, if desired separating the methyl ethyl ketone by conventional method of distillation such as herein described.

(Complete Specification 8 Pages Drawings NIL Sheets)

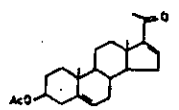
Indian Classification	:	32F	193534
International Classification[4]	:	C07J 7/00	
Title	:	"AN IMPROVED PROCESS FOR THE PRODUCTION OF 16-DEHYDROPREGENOLONE ACETATE"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the registration of Societies Act (Act XXI of 1860).	
Inventors	:	AMRIT GOSWAMI. RUMI KATAKY RAMESH CHANDRA RASTOGI ANIL C.GHOSH-all Indian.	
Kind of Application	:	Provisional/Complete	

Application for Patent Number 2368/DEL/ 95 filed on 21.12.95.
Complete left after provisional specification on 27.12.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

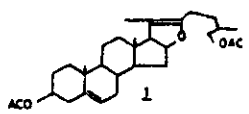
(05 Claims)

An improved process for the production of 16- dehydropregnenolone acetate of the formula (3)



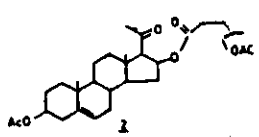
3

which comprises (a) oxidation of pseudodiosgenin diacetate of the formula (1)



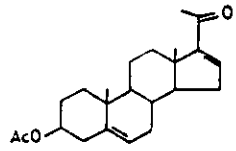
1

with known oxidizing agent in the ratio of 1:2 in presence of a polar organic solvent such as herein described and phase transfer catalyst selected form the group consisting of tetramethyl ammonium iodide and tetraethyl ammonium iodide at a temperature ranging between 0-15°C to produce diosone of the formula 2



2

hydrolyzing the said diosone using an organic acid by known methods to produce 16-dehydrpregnenolone acetate of the formula (3)



3

and recovering the 16-dehydropregnenolone acetate by convention methods.

(Provisional specification 06 pages Drawings Nil Sheets)
(Complete Specification 14 Pages Drawings 01 Sheets)

Indian Classification	:	146 D	**193535**
International Classification[7]	:	G 03 B 13/36	
Title	:	**"AN IMPROVED ISOELECTRIC FOCUSING UNIT."**	
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)	
Inventors	:	SATHIVEL CHINNATHAMBI ANIL HARISHCHANDRA LACHKE SUBRAMANIAM RADHAKRISHNAN ALL INDIAN	
Kind of Application		COMPLETE	

Application for Patent Number 2456/Del/95 filed on 29.12.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003)
Patent Office Branch, New Delhi – 110 005.

(06 Claims)

An improved isoelectric focusing unit which comprises an open ended column (1) having a side outlet (2) with a stop cock (3) in its lower end, characterized in that the said lower end is tapered and being plugged with an ion conducting polymer blend (4), a seperation solution (7), a gradient solution (8) and a cathode solution such as herein described (9) placed over the said polymer blend (4), the said tapered end containing an ion conducting polymer being placed such that it dips in an anode solution (10), a cathode (5) and an anode (6) being placed in the said cathode and anode solutions respectively.

(COMPLETE SPECIFICATION 7 SHEETS DRAWING SHEETS - 1 -)

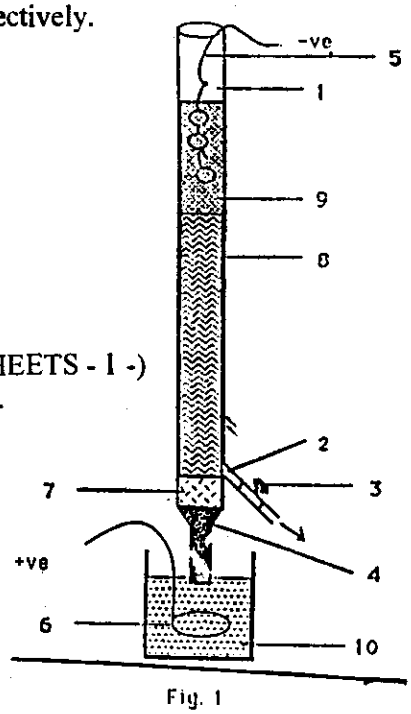


Fig. 1

Indian Classification	:	$55E_1$	**193536**
International Classification[4]	:	C0 7K 15/00	
Title	:	"A PROCESS FOR THE EXTRACTION OF A NOVEL GLYCOPEPTIDE HAVING IMMUNOGENIC PROPERTIES AND 15.1 KD FROM BUFFFALO COLOSTRUMS"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventor	:	PARAMAHANS VEERAYYA SALIMATH HULIGEREPURA SOSALEGOWDA APARNA-all Indian	
Kind of Application	:	Complete	

Application for Patent Number 274/Del/2001 filed on 12.03.2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(02 Claims)

A process for the extraction of novel glycopeptide having immunogenic properties and 15.1KD molecular wt from buffalo colostrums, which comprises collection of buffalo colostrums and storing at –10 to -30^0C for preservation, extracting the colostrums using organic solvent preferably mixture of chloroform and methanol in the range of 2:1 to 4.0: 0.5(v/v) and stirring at 2 to 10^0C for 15 –60 min, centrifuging the emulsion at 4000 to 8000 rpm at 20 to 30^0C for 60 min, separating the resultant three layer, concentrating the upper methanol layer by flash evaporation, fractionating through a gel filtration column A, preferably sephadex G-25 column eluting with water an fractionating the peak II obtained form above column by another column B, preferably QAE-Sephdex a –25 column(ion exhanger) eluting with water followed by step wise eluting using 0.05 to 1.0 M buffer preferably acetate or phosphate buffer having pH 4 to 8, at a temperature range of 20 to 40^0C, separating the peak K obtained at column B and desalting by conventional methods to obtain desired glycopeptide.

(Complete Specification 14 Pages Drawing NIL Sheets)

Indian Classification	:-	55 E4, 32 F3C	**193537**
International Classification[7]	:-	C 07D 493/04	
Title.	:-	"An improved process for the preparation of isosorbide 2-acetate from isosorbide 2,5-diacetate".	
Applicant	:-	Council of Scientific & Industrial Research, Rafi Marg, New Delhi - 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:-	ANIMESH - ROY - INDIAN HARMANDER PAL SINGH CHAWLA - INDIAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number		905/del/2001 filed on 03/09/2001	

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 6)

An improved process for the preparation of isosorbide-2-acetate from isosorbide 2,5-diacetate which comprises reacting isosorbide 2,5-diacetate with a cyclic or an acyclic alcohol such as herein described, in presence native or immobilized lipase in a hydrophobic solvent such as here described, stirring at about 175 r.p.m., at a temperature ranging between 25°C to 40°C for a period ranging from 20 to 48 hrs, filtering the enzyme and removing the solvent under reduced pressure to obtain the desired product.

Complete Specification	No of Pages	08	Drawings Sheets	1	

Indian Classification	:	32 F_2 (a)	**193538**
International Classification[7]	:	C07C 87/52	
Title	:	"A PROCESS FOR THE PREPARATION OF DOPED POLYANILINE THERMALLY STABLE UPTO 310^{0}C .	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SUNDEEP KUMAR DHAWAN - INDIAN SUBHAS CHANDRA – INDIAN RANJANA MEHROTRA - INDIAN	
Kind of Application	:	Provisional-Complete	

Application for Patent Number 652/Del/96 filed on 27th March , 1996.
Complete left after provisional on 9.4.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for the preparation of doped polyaniline thermally stable upto 310^{0}C which comprises adding 0.1 moles of aniline to an aqueous solution of organic protnic acid such as herein described, in the range of 1.0 to 3.0 molar at a temperature in the range of –5^{0}C to 10^{0}C, adding aqueous solution of 0.1 to 0.5 moles of oxidant such as herein described, under stirring for a period in the range 1 hour to 6 hours, followed by filtration and washing with distilled water, treating with aqueous mild base such as herein described, filtering, followed by washing with distilled water and methanol and drying by conventional methods, mixing the resultant mass with organic protonic acid at the temperatue in the range of 0.-5^{0}C to obtain thermally stable conducting polyaniline.

(Provisional Specification 5 Pages Drawings Nil Sheet)
(Complete Specification 10 Pages Drawings Nil Sheet)

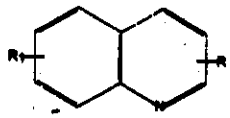
Indian Classification	:	$55E_4$	193539
International Classification[4]	:	A 61K 31/00	
Title	:	**"AN IMPROVED PROCESS FOR THE PREPARATION OF QUINOLINE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**BENJARAM MAHIPAL REDDY** **IBRAM GANESH** **BISWAJIT CHOWDHURY** **VANGALARANGA REDDY-ALL INDIAN**	
Kind of Application	:	COMPLETE	

Application for Patent Number **768/DEL/2000** filed on **29/08/2000.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

An improved process for the preparation of quinoline of formula 1



Formula 1

of the drawing accompanying this specification wherein R is H, CH_3, Cl and R1 is H, CH_3 Cl, OH, OCH_3, NO_2 which comprises;

i) reacting aromatic amine as herein described and di/trihydric alcohol as herein described in the mole ratio of 0.5 to 1.5 to 1.5 to 3.0 in a vapour phase condition over a novel mixed metal oxide catalyst wherein metal is selected from Cu, Zn, Cr and supported on alumina, titania, silica, alumina-silica, alumina-titania, titania-silica at a temperature of 623 to 724 K,

ii) isolating the quinolines from reaction mixture by conventional methods as herein described.

(Complete Specification Pages 07 Drawing 01 sheets).

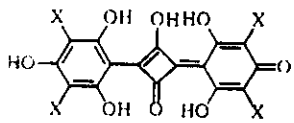
Indian Classification	:	$55E_4$	**193540**
International Classification[4]	:	A 61K 31/00	
Title	:	**"A PROCESS FOR THE PREPARATION OF HALOGENATED SQUARAINE DYES USEFUL AS SENSITIZERS".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**DANABOYINA RAMAIAH** **KALLIAT THAZHAT5HVEETIL ARUN** **SURESH DAS** **BERND EPE-ALL INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **1200/DEL/2000** filed on **26/12/2000**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of halogenated squaraine dyes useful as sensitizers of the general formula 1 wherein X is a heavier halogen atom, or pharmaceutically acceptable derivatives thereof,



Formula 1

Which comprises reacting bis (2, 4, 6, trihydroxyphenyl) squarine with a halogen solution or a halogen salt in an organic acid selected from glacial acetic acid under stirring at a temperature in the range of 50 – 80^{0}C for a time period ranging from 1 to 5 hours, cooling the above reaction mixture, adding water to the reaction mixture, filtering and washing the resultant compound followed by recrystallisation to obtain halogenated squaraine dye.

(Complete Specification Pages 16 Drawing 05 Sheets)

Indian Classification	:	39G, 32C	193541
International Classification[4]	:	C04B 033/00 C04B 035/00	
Title	:	"A PROCESS FOR THE PREPARATION OF A NOVEL SYNERGISTICFLUX USEFUL FOR THE DEPHOSPHORIZATION OF HIGH CARBON FERRO-MANGANESE AND AN IMPROVED PROCESS THEREFOR USING THE SAID FLUX"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	PANKAJ NARAYAN CHAUDHARY RAJENDRA PRAKASH GOEL RAJESH KUMAR MINZ-ALL INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 2459/DEL/1995 filed on 29th Dec. 1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(06Claims)

A novel synergistic flux composition useful for dephosphorization of high carbon ferro manganese which comprises a mixture of Barium carbonate, Barium fluoride/ barium chloride MnO in the range of 50-80, 10-30 weight percent respectively

(Complete Specification 11 Pages Drawings NIL Sheets)

Indian Classification :-	98 E	193542
International Classification[7] :-	B27N 3/00	
Title :-	"A process for the production of rice husk ash nodules/pellets useful as a heat insulator."	
Applicant :-	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India.	
Inventors :-	ASIS KUMAR ROY -INDIA, GOUTAM - BANERJEE -INDIA.	
Kind of Application :-	COMPLETE	

Application for Patent Number	1884/Del/1995	filed on	15/09/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 4)

A process for, the production of rice husk ash nodules/pellets useful as heat insulator which comprises pulverising rice husk ash to -325 mesh by known methods, blending the pulverized rice husk ash with a surface active agent such as herein described, in the range of 0.1 to 1.0 wt% of ash and a binder such as herein described, in the range of 2 to 20 wt% of ash, nodulising/pelletsing by known methods, drying the nodules/pellets so obtained and heating the dried nodules/pellets in the range 800^0-1300^0C.

Complete Specification	No of Pages	8	Drawings Sheets	NIL

193543

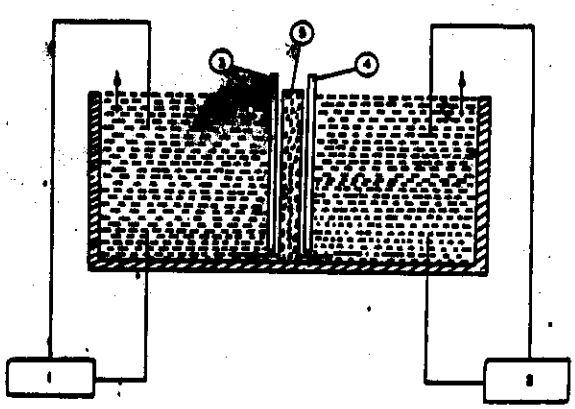
Indian Classification	:-	40 A(2)
International Classification[7]	:-	C25B 1/34
Title	:-	"An improved process for the preparation of Quaternary ammonium hydroxide using an electrochemical cell."
Applicant	:-	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001, India.
Inventors	:-	MOHAN KERABA DONCARE -INDIA, KUNJUKRISHNAPILLAY - VIJAYMOHANAN -INDIA.
Kind of Application	:-	COMPLETE

Application for Patent Number 1685/Del/1995 filed on 15/09/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 7)

An improved process for the preparation of quaternary ammonium hydroxide using an electrochemical cell which comprises; (a) treating with warm water and dilute ammonium hydroxide the anion exchange membrance of a two compartment, three electrode cell such as herein described, (b) adding quaternary ammonium halide such as herein described in the range of 15 to 35% by wt. to the cathode compartment of the said electrochemical cell, (c) filling anode compartment of the said electrochemical cell with aqueous ammonium hydrexide, (d) electrolysing by known methods such as herein described for a period of 12 to 60 hrs, (e) separating solution in cathode compartment by known methods, (f) bubbling an inert gas such as nitrogen for a period of 2 hrs to obtain quaternary ammonium hydroxide.



Complete Specification No of Pages 13 Drawings Sheets

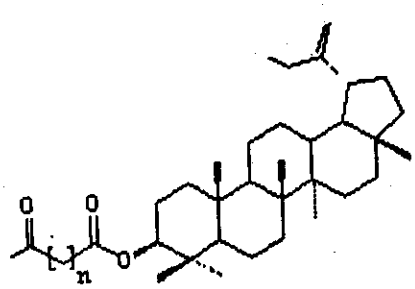
Indian Classification	:	32C, 55E$_4$	193544
International Classification[4]	:	A 61K 31/00	
Title	:	"A PROCESS FOR THE PREPARATION OF NOVEL COMBINATORIAL LIBRARY OF 3 AND 30 – SUBSTITUTED LUP-20(29) –ENE USEFUL AS ANTI-MALARIAL AGENTS"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventor	:	MISBAH ALAM FAROOQ BIABANI THANGATHIRUPATHI SRINIVASAN, SUNIL KUMAR PURI KANWAL RAJ BIJOY KUNDU –all Indian.	
Kind of Application	:	Complete	

Application for Patent Number 1207/Del/2001 filed on 29.11.2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(10 Claims)

A process for the preparation of novel combinatorial library of 3 and 30 substituted lup-20(29)-ene of formula given below



n= 4

Wherein R is selected from amino or substituted aminogroup, 4-bromophenyl, N-methyl piperidinyl, dicyclohexyamino and 4-benzyl piperidine, morpholenyl aryloxy. methoxy benzyl, bromo or azido useful as anti-malarial agents, said process comprising the steps of

(a) swelling a solid phase support selected from the group consisting of sieber amide, rink amide and wang resin with an organic solvent selected from dichloromethane and dimethylformamide in nitrogen atmosphere,

(b) deprotecting the Fmoc-NH to corresponding NH_2 using 20-90% piperidine in dimethylformamide (DMF),

(c) loading the symmetrical anhydride of the general formula 1 to Rink amide resin, using pyridine in an organic solvent at a temperature in the range of 0-60 °C for a period ranging from 1 to 12 hrs to obtain a compound of general formula 2,

(d) condensing lupeol with formula 2 coupling agent in an organic solvent at a temperature in the range of 0-100 °C for a period ranging from 1-12 hrs to obtain a compound of general formula 3,

(e) introducing the bromo group at C-30 of above said lupeol by treating with N-bromosuccinamide in dichloromethane-carbontetrachloride (DCM-CCl_4) mixture for about 4 hr to obtain a compound of formula 4,

(f) substituting the bromo group of above said compound of formula 4 with a functional group selected from the group consisting of amino, hydroxo and azo group by reacting compound of formula 4 with a compound selected from the group consisting of amine selected from primary amine of general formula 5, secondary amine of formula 7, alcohol selected from aromatic and aliphatic alcohol of general formula 9 and azide to obtain the compounds of formula 6,8,10 and11,

(g) reducing the above said compound of general formula 11 to obtain a compound of formula 12 and cleaving of compounds 6,8,10 and 12 from the solid phase using trifluro·acitic acid (TFA) and/or dichloromethane-trifluro acetic acid (DCM-TFA) at the temperature in the range of 0–40°C for 0.5 to 1hr to obtain the combinatorial library of lupeol of the general formula given above.

(Complete Specification 22 Pages Drawing 06 Sheets)

193545

Indian Classification	:	A61K 31/00
International Classification[4]	:	55E4
Title	:	"AN IMPROVED PROCESS FOR THE ISOLATION OF AESCIN FROM THE PLANT EXTRACTS"
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).
Inventors	:	MAHABIR PRASAD JAIN DEVINDER KUMAR GUPTA SATINDER MOHAN JAIN VIJAY KUMAR SHARMA JUGAL KISHORE SAMA-all Indian
Kind of Application		Complete

Application for Patent Number 278/DEL/2001 filed on 12.03.2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

An improved process for the isolation of aescin form the extract of nuts of plants particularly *Aesculus species*, which comprises:

i) treating by mechanical stirring methanol or ethanol extract of horse chest nut, or shade dried horse chest nuts powder of Aseculus species with Mixture of alcohol (C_4-C_6) such as herein described and water in the ratio of 1:14 to 1:24 (w/v) at 20-100^{0}C, for a period of 30 minutes to 6 hrs,

ii) separating alcohol layer and water layer by known methods such as herein described,

iii) washing alcohol layer with water,

iv) evaporating the washed alcohol layer under vacuum 15-50 mm Hg at a temperature 55-60^{0}C to complete dryness to obtain solid mass containing aescin,

v) Crystallizing by known methods as herein described to obtain the product.

(Complete Specification 8 Pages Drawings NIL Sheets)

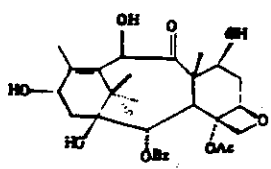
Indian Classification	:	32C	**193546**
International Classification[4]	:	C 07D-305/14;549/510.	
Title	:	**"A PROCESS FOR THE PREPARATION OF 10-DEACETYLBACCATIN III".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SUNIL KUMAR CHATTOPADHYAY** **SACHIN SRIVASTAVA** **VIJAY KUMAR MEHTA-ALL INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **998/DEL/2001** filed on **27/09/2001.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

An improved process for the preparation of 10-deacetylbaccatin III which comprises:



(I)

a. dissolving a taxol analogue of the formula 2

of the drawing as described in the specification wherein R is selected from the group consisting of C_6H_5, $CH_3C{=}CHCH_3$ or C_5H_{11} and a mixture thereof in aliphatic polar solvent containing alcoholics group,

b. treating the resultant solution with a base such as herein described at a temperature in the range of 20-40°C for a time period in the range of 2-24 hours to obtain 7-xylosyl-10-deacetylbaccatin III,

c. isolating 7-xylosyl-1—deacetylbaccatin III,

d. dissolving the above said 7- xylosyl-10-deacetylbaccatin III so isolated in step C in aliphatic polar solvent,

e. reacting the above solution of 7- xylosyl-10-deacetylbaccatin III with a alkali metal periodate at a temperature in the range of 20-40°C for a time period in the range of 20-40 hours to obtain a diadehyde,

f. treating the dialdehyde so obtained with salts of amine in an organic acid medium at –0 to 40°C for a time period in the range of 12-18 hours and,

g. isolating 10-deacetylbaccatin III of formula1 by chromatography methods.

(Complete Specification Pages 11 Drawing NIL Sheets)

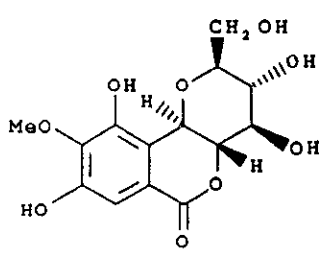
Indian Classification	:	55 E4; 32 F_3(d)	**193547**
International Classification[7]	:	A61K 35/78; A61K 31/00; C09K 15/04	
Title	:	"A PROCESS FOR THE ISOLATION OF BERGENIN FROM *TINOSPORA CRISPA* WITH ANTIOXIDANT AND FREE RADICAL SCAVENGING ACTIVITY."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAKESH MAURYA - INDIAN LILA RAM MANHAS – INDIAN SURJEET SINGH - INDIAN ANAMIKA KHAJURIA – INDIAN YASHBIR SINGH BEDI- INDIAN OM PARKASH SURI – INDIAN GHULAM NABI QAZI - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 1099/Del/2001 filed on 31st Oct. 2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

A process for the isolation of compound bergenin of the formula (I) from new source *Tinospora crispa*, useful as an antioxidant with free radical scavenging activity, wherein the said process comprising the steps of :



1

a) powdering the stems of *Tinospora crispa,*
b) extracting the powder plant material, with a protic organic solvent, such as herein described in the ratio of 0.5:2-6 (w/v) for a period of 32 to 64 hrs,
c) concentrating the extract by conventional methods,
d) triturating the above said extract successively with organic solvent such as herein described in order of increasing polarity to obtain residue,
e) crystallizing the residue with alcohol to obtain the compound bergenin,

(Complete Specification 17 Pages Drawings Nil Sheet)

Indian Classification	:	$17A_3$; $82A_1$	**193548**
International Classification[7]	:	A23L 2/02	
Title	:	"A PROCESS FOR PREPARATION OF READY-TO-SERVE BEVERAGE FROM CUSTARD APPLE BY MICROFILTRATION."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	NGASEPPAM IBOYAIMA SINGH, MUNISWAMY RAMANUJAM VIJAYALAKSHMI, MYSORE NANJARAJURS SHASHI REKHA, REVATHY BASKARAN, SOMASUNDARAM RAJARATHNAM – ALL INDIANS	
Kind of Application	:	Complete	

Application for Patent Number 345/Del/2002 filed on 27th March 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A novel process for preparation of ready-to-serve beverage from custard apple by microfiltration comprising;

a) obtaining white flesh from fully ripe custard apples,
b) pulping the above flesh to separate pulp and seeds using a pulper,
c) mixing the pulp with 0.1% ascorbic acid,
d) treating the pulp with 0.1% pectic enzyme concentrate (60-70 units/ml) at 35-47^{0}C for 1-3 hours,
e) preparing ready-to-drink beverage by taking enzyme liquefied pulp with water 58 to 74% by wt, sugar 6 to 11% by wt and citric acid 0.18 to 0.26% by wt of beverage to get 14-15% total soluble solids (^{0}Brix) and 0.25-0.30% acidity in the final beverage,
f) clarifying the above beverage using a microfiltration unit consisting ceramic membrane having a pore size in the range of 0.1-0.2 □m, an operating pressure of 1-3 bar and temperature of 25-30^{0}C.
g) filling the clarified custard apple juice beverage such as herein described,
h) pasteurizing the beverage at 85^{0}C for 15-20 minutes.

(Complete Specification 9 Pages Drawings Nil Sheet)

Indian Classification	:	92A-	**193549**
International Classification[4]		A 23 N 7/01	
Title	:	"AN IMPROVED PROCESS FOR MAKING WHITE PEPPER FROM FRESH GREEN PEPPER (PIPER NIGRUM L"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SATHYAGALAM RANGANATHA-DESIKACHARYA SAMPATHU. HALAGUR BOGEGOWDA SOWBHAGYA MADENENI MADHAVA NAIDU NANJUNDAIAH KRISHNAMURTHY – ALL INDIAN.	
Kind of Application	:	Complete	

Application for Patent Number 309/DEL/2002 filed on 26.03.2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(04 Claims)

. An improved process for the preparation of white pepper from fresh green pepper *(Piper nigrum* L), which comprises:

a) conditioning the selected graded pepper berries by soaking them in an aqueous solution of sodium bicarbonate at pH ranging between 7.5 and 10 for a period in the range of 5-60 minutes, followed by washing with water,

b) heating the above said conditioned pepper berries at a temperature ranging between 95 and 105°C in boiling water or by passing steam for a period ranging from 5-20 minutes at a pressure in the range of ambient to 15 psig,

c) treating enzymatically the above said heat treated pepper berries by soaking in an aqueous solution of a commercial enzyme mixture containing cellulase, hemicellulase, amylase, pectinase, arabinase, β-glucanase and xylanase in an enzyme ratio ranging from 0.1:100 to 1:100 at a pH ranging between 4.0-7.0 for a period in the range of 2-48 hours to facilitate loosening of the external green skin of the berries,

d) removing the enzyme loosened skin from the berries by a known method,

e) soaking the de-skinned berries in an acidified water at a pH ranging between 3 and 5 at a temperature ranging between 20 and 30°C for a period in the range of 2-24 hours,

f) washing and drying the above said treated berries upto a moisture content in the range of 8-10% and

g) subjecting the dried white pepper to density grading to obtain the desired product.

(Complete Specification 13 Pages Drawings NIL Sheets)

Indian Classification	:	32F (2b)	**193550**
International Classification[4]	:	C07D 263/06	
Title	:	"PROCESS FOR THE PREPARATION OF PHENYLOXAZOLIDINONE DERIVATIVES"	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.	
Inventors	:	ANITA MEHTA SUDERSHAN KUMAR ARORA BISWAJIT DAS ABHIJIT RAY SONALI RUDRA ASHOK RATTAN-all Indian.	
Kind of Application	:	Complete	

Application for Patent Number 654/DEL/ 2000 filed on 17.07.2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of phenyloxazolidinone derivatives of Formula I, as shown in Scheme I of the accompanied drawings and its pharmaceutically acceptable salts, wherein

T is heterocyclic, aryl, substituted aryl, heteroaromatic ring bound to the ring C with a linker, preferred forms of T are selected from aryl and five membered heteroaryl which are further substituted by a group represented by R;

n is an integer in the range from 0 to 3;

X is CH, CH-S, CH-O and N;

Y and Z are independently selected from hydrogen, C_{1-6} alkyl, C_{3-12} cycloalkyl, C_{0-3} bridging group;

U **and** V are independently selected from optionally substituted C_{1-6} alkyl, F, Cl, Br, C_{1-12} alkyl substituted with one or more of F, Cl, Br, I, preferably U and V are hydrogen or fluoro;

W is selected from the group CH_2, CO, CH_2NH, $-NHCH_2$, $-CH_2NHCH_2$, $-CH_2-N(R_{11})CH_2-$, $CH_2(R_{11})N-$, $CH(R_{11})$, S, $CH_2(CO)$, NH wherein R_{11} is optionally substituted C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{1-6} alkoxy, C_{1-6} alkyl, aryl, heteroaryl, except when M=S and W=(CO), Q and P=H;

R_1 is selected from the group consisting of - $NHC(=O)R_2$ wherein R_2 is hydrogen, C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{1-6} alkoxy, C_{1-6} alkyl substituted with one or more of F, Cl, Br, I or OH, $N(R_3, R_4)$; $-NR_2C(=S)R_3$; $-NR_2C(=S)SR_3$ wherein R_3, R_4 are independently selected from hydrogen, C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{1-6} alkoxy, C_{1-6} alkyl substituted with one or more of F, Cl, Br, I or OH;

which comprises reacting an amine compound of Formula V with a hetero cyclic compound of Formula R-T-W- R_{12}, wherein G in amines of Formula V is defined as NH, $CH(NHR_{13})$, $-CH-CH_2NHR_{13}$, wherein R_{13} is H, ethyl, methyl, isopropyl,acetyl, cyclopropyl, alkoxy or acetyl and Y, Z, U, V and R_1 are the same as defined earlier and R_{12} is a suitable leaving group well known to one ordinary skill in the art such as fluoro, chloro, bromo, SCH_3, $-SO_2CH_3$ $-SO_2CF_3$ or OC_6H_5 etc., in a solvent such as dimethylformamide, dimethylacetamide, dichloromethane, tetrahydrofuran, ethanol or ethylene glycol at a suitable temperature in the range of -70°C to 180°C in the presence of a suitable base such as triethylamine, diisopropylamine, potassium carbonate or sodium bicarbonate, reducing agent such as sodium triacetoxyborohydride or sodium cyanoborohydride and a condensing agent such as 1-(3-dimethylaminopropyl)-3-ethyl carbodiimide hydrochloride (EDC) or 1,3-dicyclohexylcarbodiimide (DCC) to give phenyloxazolidinone derivatives of formula I.

(Complete Specification 66 Pages Drawings 11 Sheets)

Indian Classification	:	55 E 4 193551
International Classification[4]	:	A61K 31/01
Title	:	"PROCESS FOR THE SYNTHESIS OF NOVEL 3,6-DISUBSTITUTED AZABICYCLO [3.1.0] HEXANE DERIVATIVES USEFUL AS MUSCARANIC RECEPTOR ANTAGONISTS. "
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.
Inventors	:	ANITA MEHTA SILAMKOTI VISWANATHAM ARUN DUTT BRUHASPATHY MIRIYALA SUDERSHAN KUMAR ARORA BOJU SRINIV ASULU BIRESHWAR MUKHERJEE JANG BAHADUR GUPTA-all Indian.
Kind of Application	:	Complete

Application for Patent Number 1230/Del/2001 filed on 7.12.2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(06 Claims)

A process for the synthesis of novel 3,6-disubstituted azabicyclo [3.1.0] hexane derivatives useful as muscaranic receptor antagonists of Formula I as shown in Scheme-I of the accompanied drawings, their pharmaceutical acceptable salts such as hydrochloride, tartarate and succinate salts wherein

Ar represents an aryl or a heteroaryl ring having 1-2 hetero atoms selected from the group consisting of oxygen, sulphur and nitrogen atoms, the aryl or heteroaryl rings are unsubstituted or substituted by one to three substituents independently selected from lower alkyl (C_1-C_4), trifluoromethyl, cyano, hydroxy, nitro, lower alkoxy (C_1-C_4), amino or lower alkylamino;

R_1 represents a hydrogen, hydroxy, hydroxy methyl, amino, alkoxy, carbamoyl or halogen;

R_2 represents C_3-C_7 cycloalkyl ring, a C_3-C_7 cyclo alkenyl ring, an aryl or a heteroaryl ring having 1 to 2 hetero atoms selected from a group consisting of oxygen, sulphur and nitrogen atoms, the aryl or a heteroaryl ring is unsubstituted or substituted by one to three substituents independently selected from lower alkyl (C_1-C_4), trifluoromethyl, cyano, hydroxy, nitro, lower alkoxycarbenyl, halogen, lower alkoxy (C_1-C_4), unsubstituted amino or lower alkyl (C_1-C_4) amino;

W represents $(CH_2)_p$, where p represents 0 to 1;

X represents an oxygen, sulphur, nitrogen or no atom;

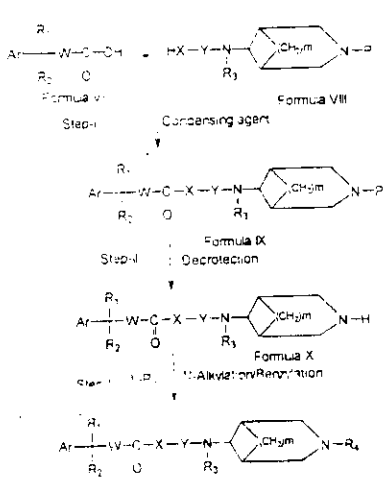
Y represents CHR_5CO wherein R_5 represents hydrogen or methyl or $(CH_2)q$ wherein q represents 0 to4;

m represents 0 to 2;

R_3 represents hydrogen, lower alkyl or $CO_2C(CH_3)_3$;

R_4 represents C_1-C_{15} saturated or unsaturated aliphatic hydrocarbon groups in which any 1 to 6 hydrogen atoms are substituted with the group independently selected from halagon, arylalkyl, arylalkenyl, heteroarylalkyl or heteroarylalkenyl having 1 to 2 hetero atoms selected from a group consisting of nitrogen, oxygen and sulpur atoms with the option that any 1 to 3 hydrogen atoms on the ring in said arylalkyl, arylalkenyl, hetero arylalkenyl group are substituted with lower alkyl, trifluoromethyl, cyano, hydroxyl, nitro, lower alkoxycarbonyl, halogen, lower alkoxy, amino or lower alkylamino; which comprises condensing a compound of Formula-VII with a compound of Formula-VIII wherein Ar, R_1, R_2, R_3, W, X,Y and m have the same meanings as defined earlier for Formula-I, P is any protecting group for an amino group selected from benzyl and tert-butyl oxycarbonyl groups, in the presence of a condensing agent selected from the group consisting of 1-(3-dimethylamino propyl)-3-ethyl carbodiimide hydrochloride (EDC) and 1,8-diazabicyclo [5.4.0] undec-7-ene (DBU), in a solvent such as N,N-dimethylformamide, dimethylsulphoxide, xylene and toluene at a temperature ranging from about 0-140°C to give a protected compound of Formula-IX, wherein Ar, R_1, R_2, R_3, W, X,Y, m and P are the same as defined earlier, which is deprotected in the presence of deprotecting agent in an organic solvent selected from the group consisting of methanol, ethanol, tetrahydrofuran and acetonitrile at temperatures ranging from about 10-50°C to give an unprotected intermediate of Formula-X, wherein Ar, R_1, R_2, R_3, W, X,Y, m and P are the same as defined earlier, which is N-alkylated or benzylated with a suitable alkylating or benzylating agent L-R_4 wherein L is a leaving group selected from a halogen, O-mesyl and O-tosyl group, in the presence of a solvent such as N,N-dimethylformamide, dimethylsulphoxide, tetrahydrofuran and acetonitrile, at temperatures ranging from about 25-100°C, to give the compounds of Formula-I.

(Complete Specification 54 Pages Drawings 07 Sheets)



Indian Classification	:	$55E_4$	**193552**
International Classification[4]	:	A 61k 31/00; A61K 9/48	
Title	:	**"PROCESS FOR THE PREPARATION OF A STABLE PHARMACEUTICAL COMPOSITION COMPRISING ACE INHIBITOR (S)".**	
Applicant	:	**RANBAXY LABORATORIES LIMITED,** a Company incorporated under the Companies Act. 1956 o f19, Nehru Place, New Delhi-110 019. **INDIA.**	
Inventors	:	**DEEPAK BAHL** **RAVI KOCHHAR** **PUNEET SHARMA** **VISHNUBHOTLA NAGAPRASAD –** **ALL INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **24/DEL/2002** filed on **15/01/2002.**
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003). Patent Office Delhi Branch, New Delhi – 110 008.

(11 Claims)

A process for the preparation of a stable pharmaceutical composition comprising ACE inhibitor(s) wherein the process comprises

(i) applying a seal coat of film forming polymer on a non-pareil sugar seed or a compressed core as defined herein, either inert or containing a drug;

(ii) coating a layer of ACE inhibitor dissolved/dispersed in a solution/dispersion of forming polymer which is free of plasticizers and organic solvents onto the coated core of step(i); and

(iii) optionally applying a seal coat of film forming polymer on the ACE inhibitor layer of step (ii) to get the desired product; and

wherein the film forming polymer is the kind described herein and wherein the ratio of ACE inhibitor to film forming polymers is form 1:10 to 10:1 by weight and wherein the solvent for preparing the solution/dispersion of film forming polymer is water.

(Complete Specification Pages 13 Drawing NIL Sheet)

Indian Classification	:	$55E_4$; $32F_1$	**193553**
International Classification[1]	:	A61K-31/00	
Title	:	**"IMPROVED PROCESS FOR THE PREPARATION OF THIOTRIAZOLONE DERIVATIVES USEFUL AS ANTIFUNGAL AGENTS".**	
Applicant	:	**RANBAXY LABORATORIES LIMITED,** a Company incorporated under the Companies Act, 1956 o f19, Nehru Place, New Delhi-110 019, **INDIA.**	
Inventors	:	**MOHAMMAD SALMAN JITENDRA SATTIGERI-BOTH INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **457/DEL/2002** filed on **15/04/2002**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi - 110 008.

(14 Claims)

An improved process for the preparation of thiotriazolone derivatives of Formula I as shown in Scheme I of the accompanied drawings and its pharmaceutically acceptable salts,wherein

Ar is a five to seven membered heterocyclic ring containing one to four heteroatoms selected from the group consisting of oxygen , nitrogen and sulphur ; phenyl or a substituted phenyl having one to three substituents independently selected from halogen (e.g. chlorine, fluorine, bromine or iodine), nitro, cyano, lower(C_{1-4}) alkyl, lower (C_{1-4}) alkoxy, perhalo lower (C_{1-4}) alkyl or perhalo lower(C_{1-4})alkoxy;

R_1 and R_2 are independently selected from the group consisting of hydrogen, straight chain or branched alkyl groups having 1 to 3 carbon atoms including methyl, ethyl, propyl or isopropyl and combinations thereof;

Y is CH or N;

A is hydrogen; unsubstituted or substituted lower (C_{1-10}) alkyl, wherein substituents are selected from the group comprising of halogen (fluorine, chlorine, bromine or iodine), hydroxy, lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, unsubstituted or substituted C_5-C_{10} aromatic or non aromatic rings with or without one to four heteroatoms selected independently from the group consisting of oxygen, nitrogen and sulphur, the said substituents are selected independently from one or more groups comprising of halogen (fluorine, chlorine, bromine or iodine), nitro, cyano, hydroxy, lower (C_{1-4}) alkyl, optionally substituted with halogens lower (C_{1-4}) alkoxy, optionally substituted with halogens, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, BR_3, substituted or unsubstituted five or six membered heterocyclylic ring systems containing one to four heteroatoms selected

from the group consisting of oxygen , nitrogen and sulphur, said heterocyclylic substituents being (C_1-C_8)alkanoyl, lower (C_1-C_4)alkyl, lower (C_1-C_4)alkoxy carbonyl, N-lower (C_1-C_4)alkylaminocarbonyl, N,N-dilower(C_1-C_4)alkylaminocarbonyl, N-lower (C_1-C_4)alkylaminothiocarbonyl, N,N-di(lower alkyl)(C_1-C_4)aminothiocarbonyl, N-lower (C_1-C_4)alkyl sulphonyl, phenyl substituted with lower (C_1-C_4)alkyl sulphonyl, N-lower (C_1-C_4)alkyl amino, N,N-di(lower alkyl) (C_1-C_4) amino,unsubstituted or substituted phenyl, the said substituents being halogen (e.g. fluorine, chlorine, bromine or iodine), hydroxy, lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, nitro, cyano, amino, $N(R_4)_2$; 5-6 membered heterocyclic rings including 1,3- imidazolyl, 1,2,4 triazolyl; $-CHR_5R_6$,

wherein

R_3 is five or six membered aromatic or non aromatic rings with or without heteroatoms and the heteroatom is selected from the group consisting of oxygen, nitrogen and sulphur;

B is independently selected from $(CH_2)_m$, -S, $-O(CH_2)_m$, $-S(CH_2)_m$;

m is an integer from 1 to 4;

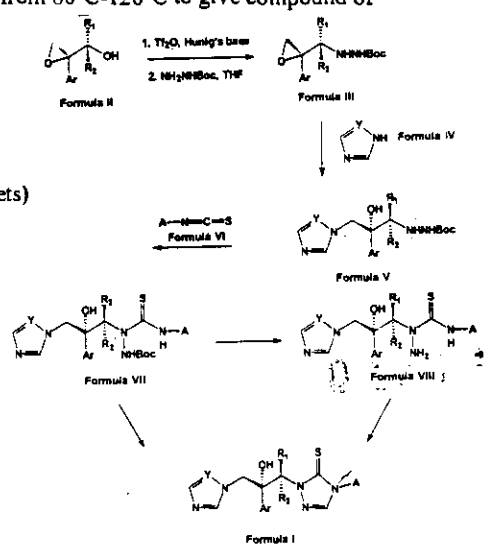
R_4 is hydrogen, unsubstituted or substituted lower (C_{1-4})alkyl;

R_5 is $-COOR_4$; and R_4 is the same as defined before; CON R_7R_8 wherein R_7 and R_8 are independently selected from the group consisting of hydrogen substituted or unsubstituted C_1-C_{10} alkyl, the said substituents are selected from halogen, hydroxy, lower (C_1-C_4) alkoxy, lower (C_1-C_4) perhalo alkyl, lower (C_1-C_4) perhaloalkoxy; unsubstituted or substituted aromatic or non aromatic rings with or without one to four heteroatoms selected independently from the group consiting of oxygen, nitrogen, and sulphur, the said substituents can be selected independentely from one or more groups such as halogen (e.g. fluorine, chlorine, bromide or iodine), nitro, cyano, hydroxy, lower (C_1-C_4) alkyl, optionally substituted with halogens, lower (C_1-

C_4) alkyl optionally substituted with halogens; lower (C_1-C_4) alkoxy optionally substituted with halogens; lower (C_1-C_4) perhaloalkyl, lower (C_1-C_4) perhaloalkoxy, N,N-di(loweralkyl) (C_1-C_4) amino;

R_6 is independently selected from hydrogen, straight chain or branched alkyl with or without substituents, the said substituents being halogen, hydroxy, lower (C_{1-4}) alkyl lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, SR_4; phenyl or phenyl substituted with halogen, hydroxy, lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, SR_4; heterocyclic rings or substituted heterocyclic rings with heteroatoms selected from oxygen, nitrogen and sulphur, substituents on heterocyclic rings are independently selected from halogen, hydroxy, lower (C_{1-4}) alkyl, lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, SR_4, phenyl or phenyl substituted with halogen, hydroxy, lower (C_{1-4}) alkoxy, lower (C_{1-4}) perhaloalkyl, lower (C_{1-4}) perhaloalkoxy, SR_4; the preferred heterocyclic rings are imidazole and indole;

which comprises converting epoxyalcohol.of Formula II to the corresponding triflate derivative with trifluoromethane sulphonic anhydride (Tf_2O) in presence of suitable organic solvent and N,N-diisopropylethyl amine (Hunig's base) at temperature ranging from –80°C to +50°C, which is further subjected to nucleophilic substitution with t-butyl carbazate to afford suhstituted hydrazine derivative of Formula III with inversion of configuration, which is further reacted with compound of Formula IV wherein Y is the same as defined earlier, in the presence of a base and polar aprotic solvent at a temperature ranging from 20°C to 120°C to give the epoxide ring opened intermediate of Formula V which is then treated with thioisocyanate of the Formula VI, wherein A is the same as defined earlier, in the presence of organic solvent at temperature ranging from 10°C to 90°C to give Boc protected thiosemicarbazide derivatives of Formula VII, which is further deprotected in the presence of organic solvent at a temperature in the range of 0°C to 20°C to give free amine of Formula VIII, the compound of Formula VII or its free amine of Formula VIII, is cyclized in the presence of formic acid, triethyl orthoformate, ethylformate/sodium methoxide or formamidine acetate at temperature ranging from 80°C-120°C to give compound of Formula I.



(Complete Specification Pages 14 Drawing **02** Sheets)

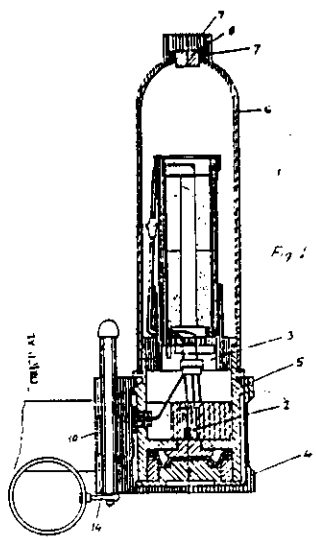
Indian Classification	:-	206 E **193554**
International Classification[7]	:-	B60 Q 1/00
Title	:-	"A Device to send distress signal from under water for use by a diver in distress".
Applicant	:-	Chief Controller, Research & Development , Ministry of Defence, Govt. of India, of B-341, Sena Bhawan, DHQ P.O. New Delhi- 110011.
Inventors	:-	ARI KRISHNACHAR SATYANARAYANA RAO-INDIA POOVATHERIL KUTTY BALAN -INDIA.
Kind of Application	:-	COMPLETE

Application for Patent Number 967/Del/1996 filed on 7/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office New Delhi Branch - 110 008.

(Claims 2)

A device to send distress signal from under water for use by a diver in distress comprising a pellet holder and an initiating means characterised in that:
(a) the said pellet holder (1) is fitted and electrically connected to an electronic timer (3) through a push-in mechanism; disposed in an outer cover (6) made of acrylic plastic material,
(b) a sealing arrangement comprises an 'O' seal (7), a plug (8) and an insert (9), provided at the top end of the said outer cover (6),
(c) a hydrostatic switch (2) is electrically connected to the said electronic timer (3) on its upper side, the said switch (2) exposed to hydrostatic pressure at operating depth under sea and capable of switching the power supply to the said electronic timer (3), the said hydrostatic switch (2) kept in locked position by a split pin (26); a the said electronic timer (3) set to provide electric signal 4 to 5 seconds after it is switched on by the said hydrostatic switch (2),
(d) the said electronic timer (3) alongwith the hydrostatic switch (2) housed in a cylindrical aluminum housing (5); the said aluminum housing (5) accommodating a sensor (27), insulator (28), lithium sulphur dioxide battery (29) and housing electric connections of the said sensor (27), the said battery (29) and the said switch (2) with a 4-pin connector (30),
(e) a strapping and releasing assembly (4) is provided comprising a strapping unit (10), two split pieces (11, 12), a leaft spring (40), a spring loaded plunger (13), having a spherical tip (42) and a spring (41), a toggle (14), a belt (36), a support piece (37), a hinge (38), web (39) and a ring (43),
(f) the said pellet holder (1) comprises a holder (15), smoke / flare pellet (16), initiating squib (17), primed cambric piece (18), cap (9) and a 2-pin connector (20),
(g) the said hydrostatic switch (2) comprises a micro switch (21), held in pressed position by a pressure plate (22); a diaphragm (23) fitted on the said pressure plate (22) and held in position by a ring (24); a locking plate (25) fitted over the said diaphrqgm (23).



Complete Specification	No of Pages	12	Drawings Sheets	

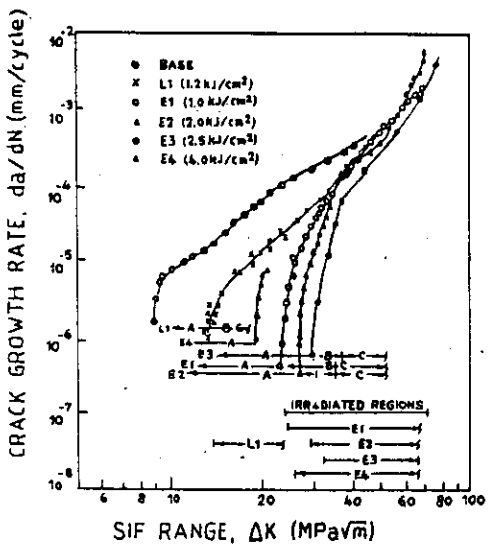
Indian Classification	:-	12 C **193555**
International Classification[7]	:-	B 23 K 15/00, C 22 B4/02, C 22 B4/06
Title	:-	"A PROCESS FOR IMPROVING FATIGUE CRACK GROWTH RESISTANCE OF TITANIUM ALLOYS, PURE IRON AND LIKE ALLOYS/METALS USING ELECTRON BEAM".
Applicant	:-	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVT. OF INDIA, B-341, SENA BHAWAN, DHQ P.O., NEW DELHI - 110 011.
Inventors	:-	ARVIND - BHARTI - INDIA VIKAS KUMAR SAXENA - INDIA
Kind of Application	:-	COMPLETE

Application for Patent Number 966/del/1996 filed on 07/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 03)

A process for improving fatigue crack growth resistance of titanium alloys, pure iron and like alloys/metals using electron beam (EB) in which said alloys/metals are capable of retaining a metastable phase on rapid cooling; the said process comprising the steps of :- (a) cleaning a work piece made of the said alloys/metals by rinsing in commercial grade acetone;- (b) determination of focal spot of EB on the said workpiece; - (c) scanning the workpiece under EB to make an EB trail on the said workpiece; regulating the available power of EB such that specific energy of irradiation is more than 0.5kJ/cm^2;- (d) measuring the width of the said EB trail; - (e) adjusting the manipulator of the EB to treat the said workpiece by making plurality of EB trails by discrete scanning or by overlapping the said trails by 5 to 50% depending upon end use of the said workpiece;



(a)

Complete Specification No of Pages 06 Drawings Sheets 01

Indian Classification	:	$55E_4$
International Classification[4]	:	C 12P-013/00; C12P-041/00.
Title	:	**"A PROCESS FOR PREPARING 5-SUBSTITUTED-6CYCLIC-5,6,7,8-TETRAHYDRONAPHTHALEN-2-OL".**
Applicant	:	**PFIZER PRODUCTS INC.**, a corporation organized under the laws of the State of Connecticut United States of America of Eastern Point Road, Groton, Connecticut 06340, USA.
Inventors	:	**KEVIN KUN-CHIN LIU-TAIWAN.**
Kind of Application	:	COMPLETE/CONVENTION

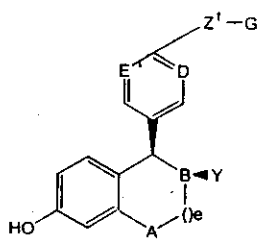
193556

Application for Patent Number **537/DEL/2001** filed on **30/04/2001.**
Convention date: 60/202,418;08/05/2000; **USA.**

Appropriate office for opposition proceedings (Rule 4, Patents Rule: 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(21Claims)

A process for preparing 5-susbtituted-6-cyclic-5,6,7,8-tetrahydronaphthalen-2-ol compounds of Formula I useful as estrogen agonist



wherein:

A is selected from CH_2 and NR;

B, D and E are independently selected from CH and N;

Y is

(a) phenyl, optionally substituted with 1-3 substituents independently selected from R^4;

(b) naphthyl, optionally substituted with 1-3 substituents independently selected from R^4;

(c) C_3-C_8 cycloalkyl, optionally substituted with 1-2 substituents independently selected from R^4;

(d) C_3-C_8 cycloalkynyl, optionally substituted with 1-2 substituents independently selected from R^4;

(e) a five membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, $-NR^2$- and $-S(O)_n$-, optionally substituted with 1-3 substituents independently selected from R^4;

(f) a six membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, $-NR^2$- and $-S(O)_n$- optionally substituted with 1-3 substituents independently selected from R^4; or

(g) a bicyclic ring system consisting of a five or six membered heterocyclic ring fused to a phenyl ring, said heterocyclic ring containing up to two heteroatoms selected from the group consisting of -O-, $-NR^2$-, NR^2- and $-S(O)_n$-, optionally

substituted with 1-3 substituents independently selected from R^4;

Z^1 is

(a) $-(CH_2)_p W(CH_2)_q-$;

(b) $-O(CH_2)_p CR^5R^6-$;

(c) $-O(CH_2)_pW(CH_2)_q$;

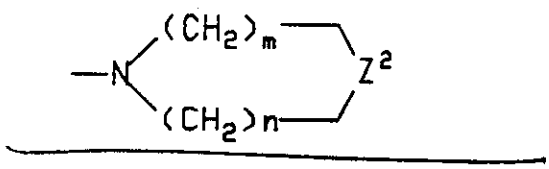
(d) $-OCHR^2CHR^3-$; or

(e) $-SCHR^2CHR^3-$;

G is

(a) $-NR^7R^8$;

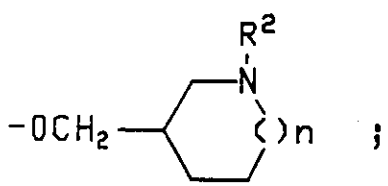
(b)



wherein n is 0, 1 or 2; m is 1, 2 or 3; Z^2 is -NH-, -O-, -S-, or $-CH_2-$; optionally fused on adjacent carbon atoms with one or two phenyl rings and, optionally independently substituted on carbon with one to three substituents and, optionally, independently on nitrogen with a chemically suitable substituent selected from R^4; or

(c) a bicyclic amine containing five to twelve carbon atoms, either bridged or fused and optionally substituted with 1-3 substituents independently selected from R^4;

Z^1 and G in combination may be



;

W is

(a) $-CH_2-$;

(b) -CH=CH-;

(c) -O-;

(d) $-NR^2-$;

(e) $-S(O)_n-$;

(f)

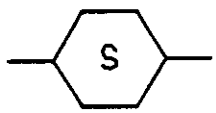
;

(g) $-CR^2(OH)-$;

(h) $-CONR^2-$;

(i) $-NR^2CO-$;

(j)



; or

(k) $-C\equiv C-$;

R is hydrogen or C_1-C_6 alkyl;

R^2 and R^3 are independently

(a) hydrogen; or

(b) C_1-C_4 alkyl;

R^4 is

(a) hydrogen;

(b) halogen;

(c) C_1-C_6 alkyl;

(d) C_1-C_4 alkoxy;

(e) C_1-C_4 acyloxy;

(f) C_1-C_4 alkylthio;

(g) C_1-C_4 alkylsulfinyl;

(h) C_1-C_4 alkylsulfonyl;

(i) hydroxy (C_1-C_4)alkyl;

(j) aryl (C_1-C_4)alkyl;

(k) $-CO_2H$;

(l) -CN;

(m) -CONHOR;

(n) $-SO_2NHR$;

(o) $-NH_2$;

(p) C_1-C_4 alkylamino;

(q) C_1-C_4 dialkylamino;

(r) $-NHSO_2R$;

(s) $-NO_2$;

(t) -aryl; or

(u) -OH.

R^5 and R^6 are independently C_1-C_8 alkyl or together form a C_3-C_{10} carbocyclic ring;

R^7 and R^8 are independently

(a) phenyl;

(b) a C_3-C_{10} carbocyclic ring, saturated or unsaturated;

(c) a C_3-C_{10} heterocyclic ring containing up to two heteroatoms, selected from -O-, -N- and -S-;

(d) H;

(e) C_1-C_6 alkyl; or

(f) form a 3 to 8 membered nitrogen containing ring with R^5 or R^6;

R^7 and R^8 in either linear or ring form may optionally be substituted with up to three substituents independently selected from C_1-C_6 alkyl, halogen, alkoxy, hydroxy and carboxy;

a ring formed by R^7 and R^8 may be optionally fused to a phenyl ring;

e is 0, 1 or 2;

m is 1, 2 or 3;

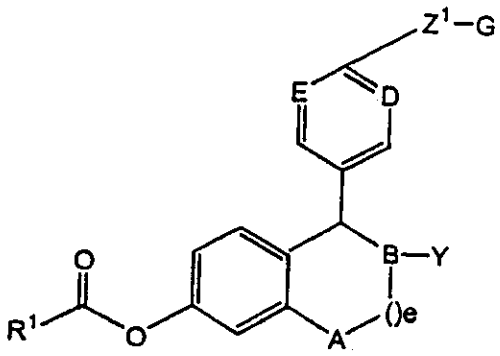
n is 0, 1 or 2;

p is 0, 1, 2 or 3;

q is 0, 1, 2 or 3;

and optical and geometric isomers thereof;

comprising selectively deacetylating a compound of the formula



II

wherein R^1 is (C_1-C_6) alkyl, (C_2-C_6) alkenyl, (C_2-C_6) alkynyl wherein the alkyl, alkenyl or alkynyl groups are optionally substituted by one to three halo, in the presence of a hydrolytic enzyme such as herein before described and an aqueous buffer solution such as herein before described.

Agent
(Complete Specification Pages 44 Drawing NIL Sheets)

Indian Classification :- 32 F_2B **193557**

International Classification[7] :- C 07D 213/75, A 61K 031/44

Title :- "PROCESS FOR PREPARING SUBSTITUTED PYRIDINES"

Applicant :- PFIZER PRODUCTS INC., of Eastern Point Road, Groton, Connecticut 06340, United States of America.

Inventors :- ROBERT LEE DOW - U.S.A.
STEVEN ROY SCHNEIDER - U.S.A.

Kind of Application :- COMPLETE/CONVENTION

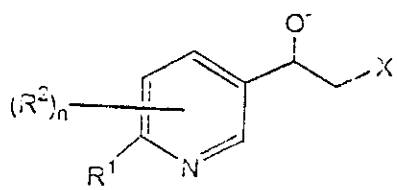
Application for Patent Number 373/del/2001 filed on 27/3/2001

Convention No. 60/193,772/United States of America/31/03/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 4)

A process for the preparing substituted pyridines of the formula IX



IX

wherein n is 0, 1, 2 or 3;

R^1 is hydrogen or halo;

each R^2 is independently hydrogen, halo, trifluoromethyl, cyano, SR^4, OR^4, SO_2R^4, $OCOR^5$, or $(C_1$-$C_{10})$alkyl wherein the alkyl group is optionally substituted by hydroxy, halo, cyano, $N(R^4)_2$, SR^4, trifluoromethyl, OR^4, $(C_3$-$C_8)$cycloalkyl, $(C_6$-$C_{10})$aryl, NR^4COR^5, COR^5, SO_2R^5, $OCOR^5$, $NR^4SO_2R^5$ and $NR^4CO_2R^4$;

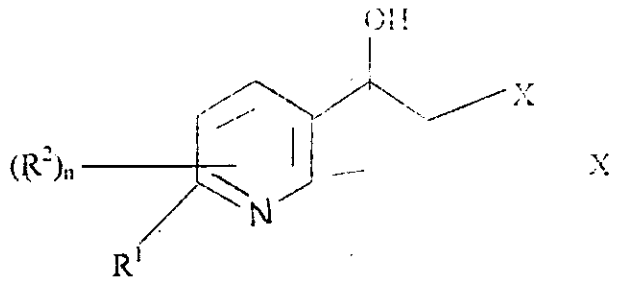
R^3 is tetrahydrofuranyl, tetrahydropyranyl or a silyl protecting group;

X is halo, methanesulfonyloxy, benzenesulfonyloxy, p-toluenesulfonyloxy, m-nitrobenzenesulfonyloxy or p-nitrobenzenexulfonyloxy;

R^4 and R^5, for each occurrence, are each independently selected from hydrogen, $(C_1$-$C_{10})$alkyl, $(C_1$-$C_{10})$alkoxy, $(C_3$-$C_8)$cycloalkyl,$(C_6$-$C_{10})$aryl, $(C_2$-$C_9)$heterocycloalkyl, $(C_2$-$C_9)$heteroaryl or $(C_1$-$C_8)$aryl wherein the alkyl group is optionally substituted by the group consisting of hydroxy, halo, carboxy, $(C_1$-$C_{10})$alkyl-CO_2, $(C_1$-$C_{10})$alkylsulfonyl, $(C_3$-$C_8)$cycloalkyl, $(C_1$-$C_{10})$alkoxy, or $(C_1$-$C_6)$alkyl; and wherein the aryl, heterocycloalkyl and hetercaryl groups are optionally substituted by one to four groups consisting of halo, nitro, oxo, $((C_1$-$C_6)$alkyl$)_2$amino, pyrrolidine, piperidine, $(C_1$-$C_{10})$alkyl, $(C_1$-$C_{10})$alkoxy, $(C_1$-$C_{10})$alkylthio and $(C_1$-$C_{10})$alkyl wherein the alkyl group is optionally substituted by one to four groups selected from hydroxy, halo, carboxy, $(C_1$-$C_8)$alkyl-CO_2, $(C_1$-$C_8)$alkylsulfonyl, $(C_3$-$C_8)$cycloalkyl and $(C_1$-$C_8)$alkoxy;

or R^5 is $N(R^4)_2$ wherein R^4 is as defined above;

comprising reacting a compound of the formula



wherein n, R^1, R^2 and X are defined above, with a silyating agent of the kind such herein described in the presence of a base such as herein described

Complete Specification	No of Pages	53	Drawings Sheets	NIL

Indian Classification :- 55 E1 **193558**

International Classification[7] :- A 61K 31/00

Title :- "A process for the preparation of 3a-(R)-Benzyl-2-methyl-2,3a,4,5,6,7-hexahydro-pyrazolo[4,3-c] pyridin-3-one".

Applicant :- Pfizer Products Inc., of Eastern Point Road, Groton, Connecticut 06340, United States of America.

Inventors :- PHILIP ALBERT CARPINO - US
CHARLES KWOK-FUNG CHIU - US
BRUCE ALLEN LEFKER - US
LYDIA CODETTA PAN - US
JUDITH LEE TREADWAY - US
MICHAEL PAUL ZAWISTOSKI - US

Kind of Application :- COMPLETE/CONVENTION/DIVISIONAL

Application for Patent Number 880/del/2002 filed on 29/08/2002

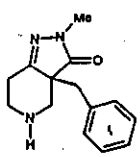
Convention No. 60/050,790/USA/25.6.97
Divided out of. Application for Patent Number 1755/DEL/98 filed on 24/06/1998

Ante Dated to 24.6.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

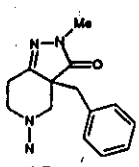
(Claims 2)

A process for the preparation of 3a-(R)-Benzyl-2-methyl-2,3a,4,5,6,7-hexahydro-pyrazolo[4,3-c]pyridin-3-one of formula g,



Free Base
(g)

which comprises reacting 3a-(R)-Benzyl-2-methyl-2,3a,4,5,6,7-hexahydro-pyrazolo[4,3-c]pyridin-3-one tartrate salt of formula f



L-Tartrate
(f)

with a known base in a known inert solvent at a temperature of -78°C to 0°C wherein the chirality of the benzyl group is maintained, to yield the compound of formula g.

Complete Specification No of Pages 118 Drawings Sheets NIL

Indian Classification :- 147 E

193559

International Classification[7] :- G 06 K, G 10 G 3/00

Title :- "Apparatus for recording audio data or computer data on a disc-shaped recording medium"

Applicant :- SONY CORPORATION, of 7-35 Kitashinagawa 6-chome, Shinagawa-ku Tokyo, Japan.

Inventors :- SHIGEKI TSUKATANI - JAPAN.
TATSUYA INOKUCHI - JAPAN.
HIROYUKI ITO - JAPAN.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 188/del/1996 filed on 29/01/96

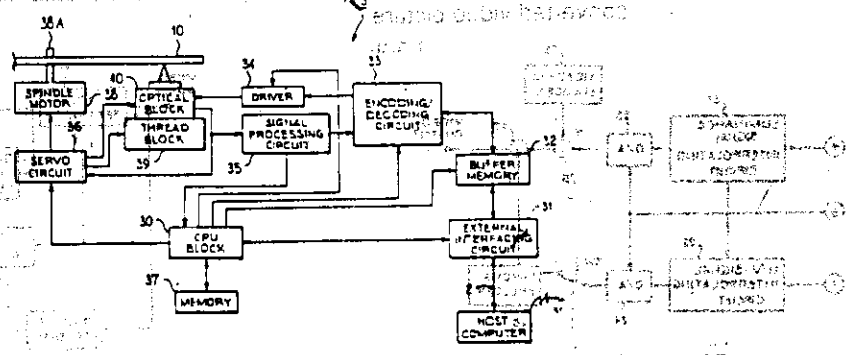
Convention No. 7-013211/JP/30/01/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 04)

Apparatus for recording audio data or computer data on a disc-shaped recording medium (optical disc) having plural sessions each comprised of a disc type code area and one or more tracks, the tracks provided with at least one audio track containing audio data recorded thereon or one or more data tracks containing computer data recorded thereon, and wherein a particular session is an audio session having only one or more audio tracks, the apparatus comprising: a recording optical head for recording audio data or computer data in each session on the disc-shaped recording medium; a data recording control processing unit for controlling the recording optical head so that only audio data is recorded in the particular session and for causing audio data or computer data to be recorded in other sessions; and a disc type code recording control processing unit for causing a particular disc type code indicating that the session is comprised only of the audio tracks to be recorded in the disc type code area in the particular session.

FIG 1



Complete Specification No of Pages 19 Drawings Sheets 07

Indian Classification :- 206 E

193560

International Classification[7] :- H 04 N 9/79

Title :- "APPARATUS AND METHOD FOR CONVERTING AN INPUT VIDEO PICTURE "

Applicant :- Sony Corporation, of 7-35, Kitashinagawa, 6-Chome, Shinagawa-ku, Tokyo, Japan.

Inventors :- TERUHIKO KORI - JAPAN
TADASHI EZAKI - JAPAN
JUN HIRAI - JAPAN

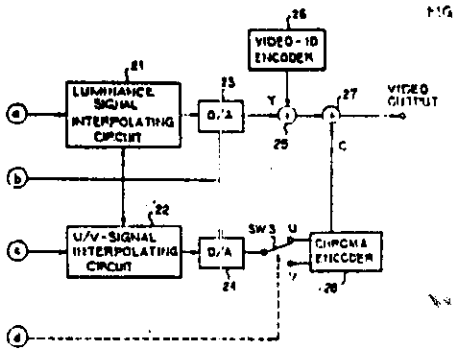
Kind of Application :- COMPLETE

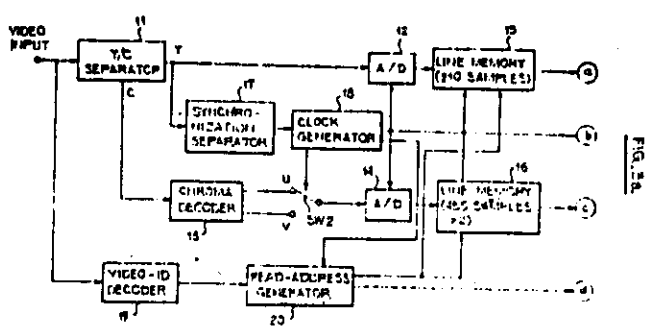
Application for Patent Number 2238/del/1995 filed on 4/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 13)

Apparatus for converting an input video picture having an input aspect ratio, represented by an input video signal which contains partial area information representing a partial area manually selected by an editor as the most essential portion of said input video picture, into a converted video picture with a converted aspect ratio corresponding to a receiver aspect ratio of a television receiver, said apparatus characterised by: a decoder for decoding said partial area information from said input video signal; addressable memories for storing samples of said input video signal coupled to said decoder; a read address generator connected to said decoder and said addressable memories and responsive to the decoded partial area information for generating address representing those locations in said addressable memories in which are stored the samples constituting said partial area manually selected by an editor as the most essential portion of said input video picture so as to read out said partial area samples; and processing means coupled to said decoder for detecting said input aspect ratio of said input video picture and said receiver aspect ratio, for selecting a mode of aspect ratio conversion based on the detected input aspect ratio of said input video picture and said receiver aspect ratio, and for converting said partial area samples to said converted video picture with said converted aspect ratio in accordance with the mode of aspect ratio conversion selected such that the most essential portion of said input video picture manually selected by said editor is not cut-off in the converted video picture.





Complete Specification No of Pages 34 Drawings Sheets 17

Indian Classification	:-	81	**193561**
International Classification[7]	:-	A 62 C 2/00	
Title	:-	"A FIRE EXTINGUISHING DEVICE FOR GAS BLOW-OUTS."	
Applicant	:-	Bharat Heavy Electricals Ltd.BHEL HOUSE, Siri Fort, New Delhi 110 049, India.	
Inventors	:-	NORI SATYANARAYANA MURTY -INDIA, SHRIKANT - BRAVE -INDIA.	
Kind of Application	:-	COMPLETE	

Application for Patent Number 478/Del/1996 filed on 08/03/96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 7)

A fire extinguishing device for gas blow-outs comprising a mobile platform, (13); a plurality of dismantlable movable panels forming a water-cooled radiation-wall (6) having grooves for fixing riser tubes (7); a steam drum (4) provided above said platform (13); a water circulation means (3, 9, vi, v2); a steam nozzle means (10, 12, v3,v4); a make up water means (1, v5); a water nozzle means (2, 5, 11, v6); and a control means (14) for monitoring said means, characterized in that said radiation wall (6) absorbing the radiation heat of said blow out, the absorbed heat being used by said stem -nozzle means to produce steam for putting off the flame of the blow out, said water circulation means simultaneously being used to reduce the gas temperature.

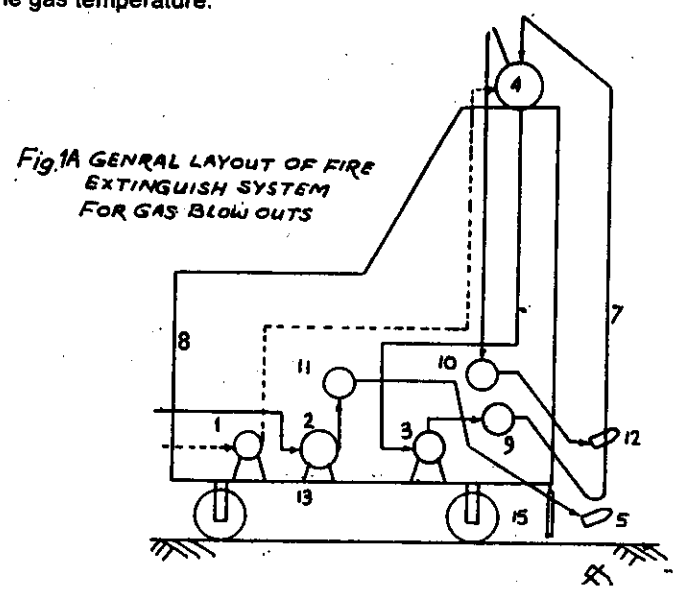


Fig.1A GENRAL LAYOUT OF FIRE EXTINGUISH SYSTEM FOR GAS BLOW OUTS

Complete Specification No of Pages 10 Drawings Sheets 2

Indian Classification	:	206 E
International Classification[7]	:	F 16 D1/06
Title	:	**"AN IMPROVED RING LUBRICATED COMBINED JOURNAL AND THRUST BEARING."**
Applicant	:	BHARAT HEAVY ELECTRICAL LIMITED, BHEL House,Siri Fort, New Delhi-110 049, India, an Indian Company.
Inventors	:	KONDA DARGAIAH - INDIAN
Kind of Application	:	COMPLETE

193562

Application for Patent Number 448/del/ 96 filed on 1.3.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 005.

(06 Claims)

An improved ring lubricated combined journal and thrust bearing for use in primary air fans in boiler auxiliary equipment of thermal power plant comprising a combined journal and thrust bearing having a plurality of thrust pad sections (2) supported by a correspondingly numbered runners (9) mounted on a rotating shaft (3); and an oil ring (1) mounted on a rotating journal of said combined journal and thrust bearing, characterized in that said oil ring (1) is fabricated with a trapejoidal cross section having a plurality of grooves on an inner diameter made of a bronze material, and in that each of said thrust pad section (2) is given a taper in a rotational direction of said bearing.

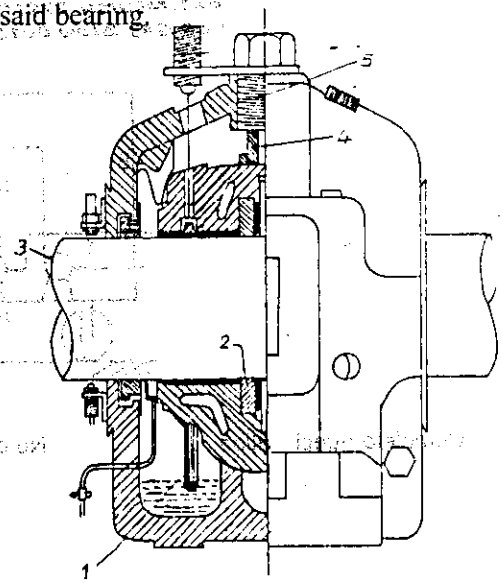


Fig. 1

(COMPLETE SPECIFICATION 10 SHEETS DRAWING SHEETS - 4 -)

Indian Classification :- 133 A

193563

International Classification[7] :- H 02 P

Title :- "A SWITCHED RELUCTANCE MOTOR CONTROLLER"

Applicant :- BHARAT HEAVY ELECTRICALS LIMITED, BHEL House , Siri Fort, New Delhi - 110 049.

Inventors :- BRAHMA SWARUP GUPTA - INDIA

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 159/del/1996 filed on 25/01/1996

Complete left after Provisional Specification filed on 13/01/1997

Appropriate office for opposition proceedings Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 05)

A switched reluctance motor controller for a 6/8 pole switched reluctance motor (SRM), said SRM comprising a rotor having a plurality of pair of poles interposed in its rotor disc; and a stator having a plurality of pair of poles disposed in its stator arc, characterized in that said controller comprises a sensor array of forty one multifaced optical sensors disposed at predtermined interval on said stator arc covering a 61.5 segment of said stator arc, each sensor covering 1.5°, said optical sensor being aligned with the axis of one of the plurality of said statos poles pairs for sensing light from a plurality of light emitters mounted on an opposite side of said stator segment through six equidistant holes provided at predtermined interval on said rotor disc, the diameter of said holes being selected corresponding to said coverage of said segment by each optical sensors, a position of each of rotor pole pair with respect to a corresponding stator pole pair being maintained at a fixed relationship such that each of said plurality of optical sensors takes over during operational phase of said SRM from the previous optical sensor on a continuous basis without a break, and in that a desired sequence of energizing said plurality of stator-poles pairs is achieved based on a torque reference angle, a fixed torque angle and a dwell angle being selected from the motor characteristics of said SRM.

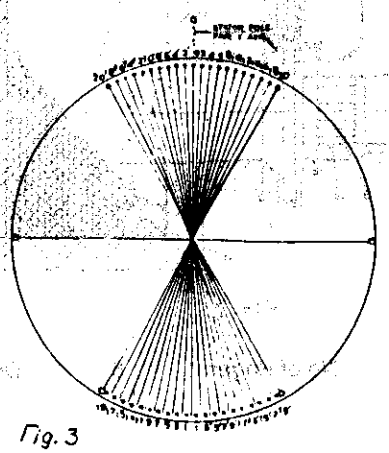


Fig. 3

Provisional Specification	No of Pages	07	Drawings Sheets	00
Complete Specification	No of Pages	09	Drawings Sheets	05

Indian Classification	:-	28 C **193564**
International Classification[7]	:-	F 23 C 5/06
Title	:-	"An improved stove-burner assembly for blast furnaces."
Applicant	:-	Steel Authority of India Limited., Research & Development Centre for Iron & Steel, A Govt. of India Enterprises, having its registered office at Ispat Bhawan, Lodi Road, New Delhi-11003.
Inventors	:-	KADAYAM VISWANATHAN VENKATASUBRAMANIAN IYER -INDIA, AVADESH PRASAD SINGH -INDIA.
Kind of Application	:-	COMPLETE

Application for Patent Number 1037/Del/1996 filed on 17/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Brancn - 110 008.

(Claims 3)

An improved stove-burner assembly for blast furnaces, which is capable of producing pulsation-free, stabilised and relatively long flame and increased heat in the combustion chamber of the stove, and comprises source (1) of combustion air from blower, air duct (2), air nozzle (6), gas source (3), gas duct (4), burner exit (7), isolating valve (5), combustion chamber (8), said components being arranged to operate in an interdependent manner, characterised in that the improved stove-burner assembly is provided with an equaliser grid (9) with support (10)to convert the air fed to the stove-burner assembly into parallelised streams at the burner exit (7), and that the combustion chamber (8) is provided with a heap of refractory rubble (11) to assist thorough mixing with turbulance of the gas and air streams impinging thereon.

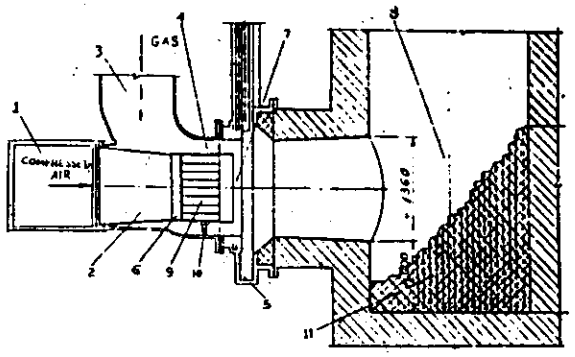


FIG. 2

Complete Specification No of Pages 8 Drawings Sheets 3

Indian Classification	:	85
		193565
International Classification[4]	:	B23K-011/25; G01H-017/00
Title	:	**"A METHOD OF PRODUCING BLAST FURNACE BELLS AND HOPPERS HAVING SURFACES OF INCREASED WEAR RESISTANCE AT HIGH TEMPERATURE UPTO 600°C".**
Applicant	:	**STEEL AUTHORITY OF INDIA LTD.,** Research & Development Centre for Iron & Steel, A Govt. of India Enterprise having its registered office at Ispat Bhawan, Lodi Road, New Delhi-110 003.
Inventors	:	**PRABIR KUMAR BANDYOPADHYAY** **SUSHIL KUMAR SEN** **TULSI DAS CHATTERJEE** **SHREE RAM MEDIRATTA -ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number **2245/DEL/1995** filed on **05/12/1995**
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

1. A method of producing blast furnace bells and hoppers having surfaces of increased wear resistance at high temperature upto 600°C, comprising the following steps :-

(i) machining the surfaces of the bells and hoppers upto a required depth;

(ii) preheating the bells and hoppers by means of coke oven gas burners; characterised in that

(a) the said surfaces are machined upto a depth of 10 mm;

(b) the machined surfaces are preheated at 200 - 250°C;

(c) a buffer layer of weld deposit is made on the machined surfaces by using low-carbon welding electrodes having chemical composition (by weight %): C - 0.10, Mn - (1.00-1.60), Si - (0.30-0.70), Ni - (0.5-1.0), S - 0.03 max., P - 0.03 max. and Fe - the balance;

(d) at least three layers of weld deposit is made on the buffer layer of weld deposit upto a thickness of 12 mm by using welding electrodes having chemical composition (by weight %): C - 3.00, Mn - 1.50, S - 0.04, P - 0.04, Si - 1.50, Ni - 4.00, Cr - 22.00, W - 2.00, Mo - 1.50, Nb - 1.50, V - 1.00 and Fe -62.42;

(e) the welded surfaces are stress-relieved by heating the bells and hoppers at 600°C; and

(f) the welded surfaces are ground upto a depth of 2 mm.

Agent

(Complete Specification Pages 07 Drawing NIL Sheet)

Indian Classification	:	9A; 9F **193566**
International Classification[4]	:	C 22C 21/00
Title	:	**"A PROCESS FOR PREPARATION OF MASTER ALLOY FOR GRAIN REFINEMENT OF ALUMINIUM AND ITS ALLOYS".**
Applicant	:	**THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT,** Ministry of Defence, Government of India, Technical Coordination Dte., Defence Research & Development, Organisation B-341, Sena Bhawan, DHQ, P.O. New Delhi, India.
Inventors	:	**MADHUSUDAN CHAKRABORTY** **BUDARAJU SRINIVASA MURTY** **PANCHANAL PRAMANIK** **RAJAGOPAL RAGHAVENDRA BHAT** **ATMUDI ARJUNA RAO** **KADABA VENKATACHAR SREENIVASA-PRASAD-ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number **29/DEL/1996** filed on **05/01/1996**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A process for preparation of master alloy for grain refinement of aluminium and its alloy, comprising step of :-

(a) melting commercial purity aluminium in a resistance furnace at a temperature of 750 to 900^{0}C, maintaining conventional chloride salt flux on the top of the melt to minimize oxidation;

(b) degassing by adding solid hexachlodroethane taken in quantity 1.0 to 1.1% by weight of commercial purity aluminium and removing the dross thus obtained;

(c) adding K_2 Ti F_6 and KBF_4 with intermittent stirring where K_2 Ti F_6 is taken in quantity 22 to 25% by weight of commercial purity aluminium and where KBF_4 is taken in quantity 15 to 20% by weight of commercial purity aluminium;

(d) removing the slag after allowing reaction time of ½ to 3 hours and then subjecting the melt to the step of moulding to obtain the desired master alloy.

(Complete Specification Pages 08 Drawing 03 Sheets)

Indian Classification n	:	32 IX **193567**
International Classification[4]	:	C07D-403/02 403/12
Title	:	**"A PROCESS FOR PREPARATION OF AN IMPROVED HYDROCARBON BASED FUEL PROPELLANT".**
Applicant	:	**THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT,** Ministry of Defence, Government of India, Technical Coordination dte., Defence Research & Dev. Orgn., B-341, Sena Bhawan, DHQ P.O., New Delhi, India.
Inventors	:	**VENKATRAMAN KRISHNA BHAT NIVRUTTI MAHADU WALUNJ PRABHAKAR GOPAL SHROTRI HARIDWAR SI NGH -ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number **28/DEL/1996** filed on **05/01/1996**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(15 Claims)

A process for preparation of an improved hydrocarbon based fuel propellant comprising steps of:-

(a) adding a liquid oxidiser to a polymer binder, a fuel, a stabilizer and inert plasticiser to obtain a mixtue, subjecting the mixture to deaeration, adding fillers with stirring, adding a curing agent at a temperature of 50-70'C with stirring to obtain a slurry, and then casting such a slurry in moulds to obtain a desired propellant, wherein the liquid oxidizer is selected from group of liquid nitrate esters, such as, butane triol trinitrate, triethylene, glycol dinitrate and nitroglycrine and is taken in quantity 15-40% by weight of propellant and wherein ratio of plasticizer ~ to polymer is in the range from 1:1 to 1:4 and

wherein the inert plasticizer is selected from non volatile high boiling point organic liquid esters such as di-ethyl phthalate (DEP), di-octyl phthalate (DOP), iso decyl peralgonate (IDP) and wherein stablizer is selected from nitrate esters such as carbamite, 2-nitrodiphylamine and diphenylamine and wherein binder and fuel hydroxy terminated block co-polymer in quantity 25 to 80% by weight of propellant and wherein further filler is taken in amount 1-25% by weight of propellant and is selected from polystyrene, nepthalene, fine particulate carbon and metallic powders like aluminium, magnesium, boron and zirconium and further wherein cross linking agent is selected from compounds having hydroxy groups such as trimethylol propane, pyrogalol, resorcinol and nitrocellulose and wherein curing agent is selected from the group of poly functional iso cyanates in amount of 20-25% weight of propellant and wherein catalyst is selected from organo metallic compound such as ferric acetyl acetonate, dibutyl tin dilaurate and triphenyl bismuth.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification :- 206 K

193568

International Classification[7] :- H 04 B 7/00

Title :- " A METHOD FOR CHANNEL SCANNING "

Applicant :- MOTOROLA, INC., of 1303 East Algonquin Road, Schaumburg, Illinois, 60196, USA.

Inventors :- MICHAEL J. SCHELLINGER - USA.
DANIEL C. POPPERT - USA.

Kind of Application :- COMPLETE

Application for Patent Number 2192/del/1995 filed on 28/11/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules. 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 07)

A method for scanning channels said method comprising the steps of:

scanning a first set of channels;

saving information obtained during said step of scanning said first set of channels; characterized in that

determining a second set of channels;

determining which channels of said second set of channels do not coincide with said first set of channels; and

scanning predetermined channels of said second set of channels which do not coincide with said first set of channels.

Complete Specification No of Pages 15

Drawings Sheets 07

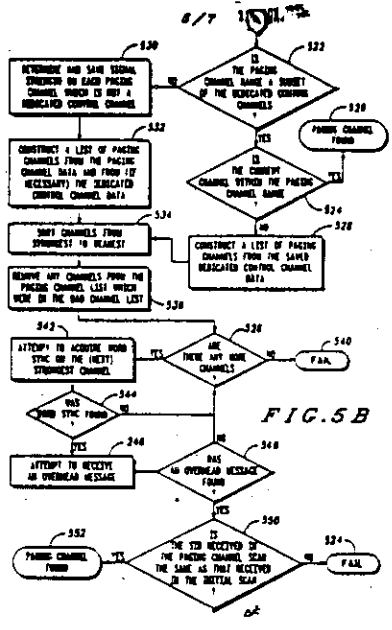


FIG.5B

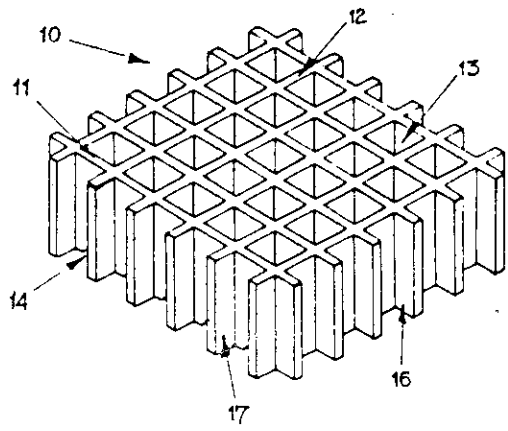
Indian Classification	:-	70 A **193569**
International Classification[7]	:-	C 25 C 3/08
Title	:-	" A CELL FOR THE PRODUCTION OF ALUMINIUM BY THE ELECTROLYSIS OF A MOLTEN ELECTROLYTE AND A METHOD OF PRODUCING ALUMINIUM IN A CELL "
Applicant	:-	Moltech Invent S.A., of Luxembourg, of 68-70, Boulevard de la Petrusse, L-2320 Luxembourg, Italy.
Inventors	:-	VITTORIO DE NORA - Italy.
Kind of Application	:-	COMPLETE
Application for Patent Number		1605/del/1995. filed on 29/08/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 26)

A cell for the production of aluminum by the electrolysis of a molten electrolyte, in particular the electrolys s of alumina dissolved in a fluoride - based molten halide electrolyte, comprising a plurality of anodes (34) immersed in the molten electrolyte above a cell bottom (30,66) whereon molten aluminium is collected in a pool or a layer (32,72) containing bodies of aluminium resistant material, characterized in that the anodes (34) are associated with a number of corresponding bodies each formed by a grid assembly (10) of side-by-side upright or inclined walls (11; 12; 21, 22; 41, 42;51;61,62) made of or coated with aluminium - resistant material, the walls of each grid assembly having top ends placed under the anode (34) and bottom ends standing on the cell bottom (30,66) in the pool or layer (32,72) of molten aluminum, the bottom ends of the walls forming a base which is much larger than the height of the walls, each grid assembly (10) standing on the cell bottom (30,66) in a stable manner during operation of the cell and being removable from the cell and insertable in the cell, and each grid assembly (10) having generally vertical through-openings (13) dimensioned to allow the molten cell content to occupy the inside of the through-openings, said vertical through-openings (13) being in communication with the molten aluminum in the pool or layer (32,72) so that the molten aluminum occupies at least a part of the height of said openings (13), said grid assemblies either remaining immersed in the pool (32) of molten aluminum with a stabilized surface layer of molten aluminum over the tops of the walls (11,12) of each assembly, or protruding above the pool or layer (32) of molten aluminum outside and inside said grid assemblies.

FIG. 1



Complete Specification No of Pages 24

Drawings Sheets 04

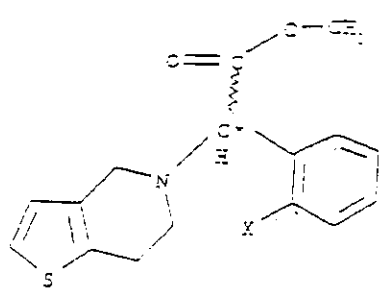
Indian Classification	:	$32F_1$ **193570**
International Classification[4]	:	C07D 495/04
Title	:	"A PROCES FOR THE PREPARATION OF THE RACEMIC OR OPTICALLY ACITVE (2-HALOGEN PHENYL) (6,7-DIHYDRO-44- TIENO[3,2-C] PYRIDIN – 5-YL) ACETIC ACID METHYL ESTERS"
Applicant	:	SANOFI- SYNTHELABO, of 174 , Avenue de France, 75013 Paris, France.
Inventors	:	MARIA BAKONYI MARIANNA CSATARINEE NAGY LEVENTENE MOLNAR ANTAL GAJARY EDIT ALATTIYANI-all Hungarian
Kind of Application	:	Convention-Complete

Application for Patent Number 1229/DEL/ 1998 filed on 08.05.98
Convention date:- 13.05.1997/ P 97 00885/ HU

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

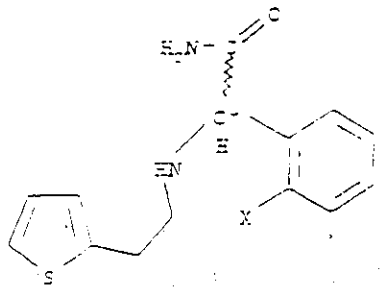
(03 Claims)

process for the preparation of the racemic or optically active (2-halogenphenyl) (6,7,-dihydro-4H-tieno[3,2-c] pyridin-5-yl)acetic acid methyl esters of the general formula (VI)



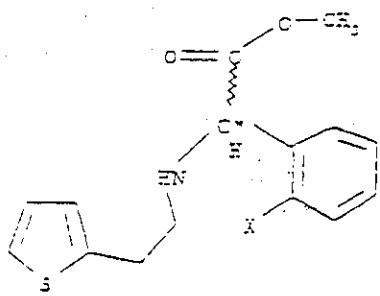
(VI)

wherein X is halogen atom or their salts, wherein a racemic or optically active new [2-(2-thienyl) ethylamino] (2-halophenyl) actamide of general formula (VII)-



(VII)

wherein X is halogen atom is transformed with methanol in the presence of 0,1.6 molequivalents of methyl hydrogen sulphate at a temperature between 50°C and 150°C into a racemic or optically active methyl[2-(2-thienyl) ethylamino] (2-halophenyl) acetate of general formula (VIII)-



(VIII)

wherein X is halogen atom, and optionally resolving the resulting racemic compound of general formula (VIII) into their optically active isomers, transforming the compounds of general formula (VIII) into the racemic or optically active compounds of general formula (VI) using conventional ring closure methods and optionally resolving the racemic compounds of general formula (VI) into their optical isomers, and/or transforming into their salts, and/or liberating the racemic or optically active compounds from their salts.

Complete Specification 20 Pages Drawings 02 Sheets)

Indian Classification :- 50 E 2

193571

International Classification[7] :- F 25 B 49/02, F 04 B 49/00

Title :- " METHOD AND APPARATUS FOR TORQUE CONTROL TO REGULATE POWER REQUIREMENT AT START UP "

Applicant :- CARRIER CORPORATION, P.O Box 4800, Syracuse, New York 13221, U.S.A.

Inventors :- KAIDO PETER FREDRIC - U.S.A.
WESSELLS KYLE DOUGLAS - U.S.A.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 144/del/2000 filed on 22/02/00

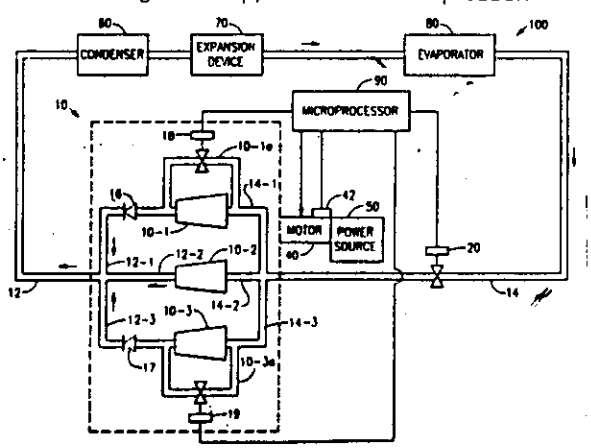
Convention No. 09/270186/United States of America/15/03/99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 05)

A method for torque control to regulate power requirements at start up in a refrigeration system with a compressor having plural banks characterized by the steps of:

- prior to powering said compressor, limiting the amount of refrigerant supplied to said compressor and bypassing a majority of the banks of said compressor such that at least one bank is always connected to suction and discharge;
- after said compressor is powered and brought up to running speed, blocking the bypassing of all of said majority of banks;
- with all of said banks connected to suction and discharge, increasing the amount of refrigerant supplied to said compressor.



Complete Specification No of Pages 08 Drawings Sheets 01

Indian Classificatcn :- 65 A3

193572

International Classification[7] :- H 02 M 3/24

Title :- "A SWITCH MODE POWER SUPLLY FOR A BRIDGED LINEAR AMPLIFIER "

Applicant :- Harman International Industries, incorporated, as 1718 West Mishawaka Road, P.O. Box 1000, Elkhart, IN 46515-1000 USA.

Inventors :- GERALD R. STANLEY - USA.

Kind of Application :- COMPLETE

Application for Patent Number 867/del/1996 filed on 24/04/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 11)

The switch-mode power supply apparatus for a bridged linear amplifier comprising:

a power amplifier (203) having a power input, a plurality of pulse width modulated switch-mode power converter (202)means connected to a DC power supply(201), each converter means for tracking the power demand for said amplifier, all said converter means collectively for outputting current from said power supply to said amplifier power input characterized in that;

the power supply apparatus has a plurality of said power converter means (202) connected in parallel, which are modulated with modulation reference signals(305-308) which operate in time alternation, the power converter means (202) collectively operating current from DC Supply (201) to the amplifier power input.

Complete Specification

No of Pages 18

Drawings Sheets 05

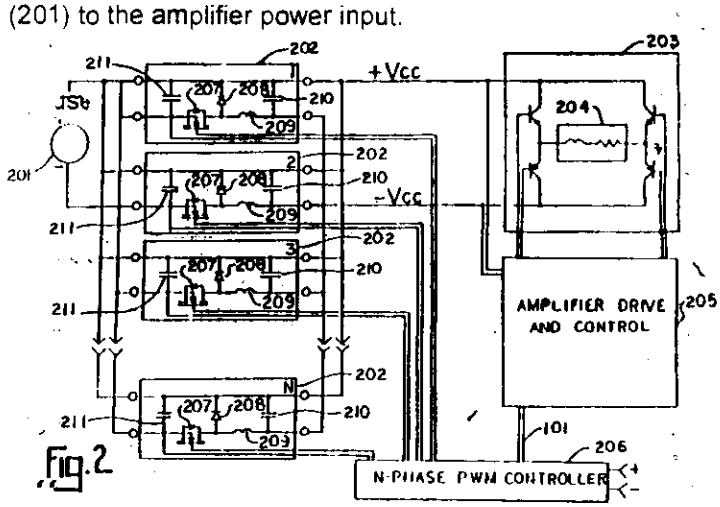


Fig.2

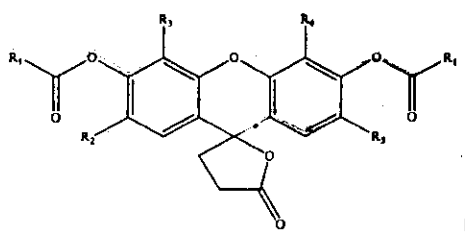
Indian Classification	:	140-XI	**193573**
International Classification[4]	:	C10L-001/10; C07C-007/20	
Title	:	**"FLUORESCENT PETROLEUM MARKER COMPOSITION AND A PROCESS FOR PREPARING THE SAME".**	
Applicant	:	**UNITED COLOR MANUFACTURING, INC.**, a corporation organized under the laws of the State of Pennsylvania, United States of America, of 638, Newtown-Yardley Road, Suite IG, Newtown, Pennsylvania 18940, **United States of America.**	
Inventors	:	**SMITH MICHAEL JOHN-BRITISH.**	
Kind of Application	:	COMPLETE/CONVENTION	

Application for Patent Number **2480/DEL/1995** filed on **29/12/1995.**
Convention date: 08/375,310;20/01/1995; **USA.**

Appropriate office for opposition proceedings (**Rule 4, Patents Rules, 2003**) Patent Office Delhi Branch, New Delhi – 110 008.

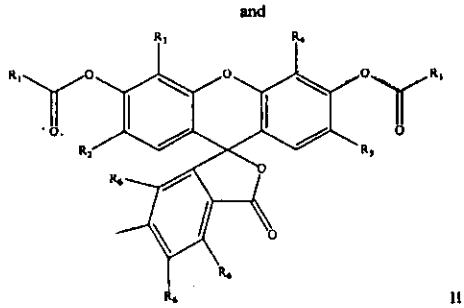
(28 Claims)

A fluorescent petroleum marker composition comprising a petroleum product of the kind such as herein described, and a detectable level of at least about 0.5 ppm of a marker, the marker being an organic ester of fluoroscein, selected from the group consisting of compounds of formulae I and II:



I

and



II

wherein R1 is C_1-C_{18} alkyl group, or an aryl group, and R_2, R_3, R_4, and R_5 are hydrogen, chlorine, bromine or C_1-C_{12} alkyl and R_6 is hydrogen, chlorine, or bromine; wherein said marker develops color or fluorescence upon contact with a developing reagent that

Complete Specification Pages 30 Drawing NIL Sheets)

Indian Classification :- 87B **193574**

International Classification[7] :- A 63B 41/02

Title :- "A BLADDER SHELL HAVING LOW AIR PERMEABILITY AND HIGH BOUNCE PROPERTIES"

Applicant :- ENKAY (INDIA) RUBBER COMPANY PVT. LTD., an Indian Company, of B-3, SMA Industrial Estate, G.T. Karnal Road, Delhi - 110 033, India.

Inventors :- SATISH - JAIN - INDIAN
NARESH - JAIN - INDIAN
ANIL - JAIN - INDIAN
VIPIN - JAIN - INDIAN
JINESH - JAIN - INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 1341/del/1999 filed on 08/10/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 9)

The bladder shell having low air permeability and high bounce characteristic comprising a layer of compounded synthetic latex as herein described and a layer of compounded natural rubber latex as herein described laminated together and crosslinked integrally to each other by vulcanization to form a laminate, said laminate being in a form such that it is disposable in a ball as an inflatable bladder shell that, when inflated, retains air and imparts bounce characteristics to the ball, wherein the thickness ration of the compounded synthetic latex layer to the compounded natural rubber latex layer is 80:20 to 20:80, the resultant laminated layers having a total thickness of 0.25 to 3.0 mm.

Complete Specification No of Pages 10 Drawings Sheets 02

Indian Classification	:	$55E_4$	**193575**
International Classification[4]	:	A 61K 48/00; C 12N 15/03	
Title	:	**"A process for preparation of mutant devR gene carrying M. tuberculosis strain involved in the virulence of M. tuberculosis capable of use in development of therapeutic modalities".**	
Applicant	:	**THE DIRECTOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCE,** Ansari Nagar, New Delhi-110 029 **& THE SECRETARY, DEPARTMENT OF BIOTECHNOLOGY,** B-2, 7-8 Floor, CGO Complex, Lodi Road, New Delhi-100 003.	
Inventors	:	**JAYA SIVASWAMI TYAGI** **VANDANA KAPUR- BOTH INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **1286/DEL/2001** filed on **26/12/2001.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for preparation of mutant devR gene carrying *M. tuberculosis* strain involved in the virulence of M. tuberculosis capable of use in development of therapeutic modalties comprising steps of: -

I. **disrupting devR gene located in a ~3.3 kb EcoRI-HindIII insert of plasmid pJT53.34 with kanamycin resistance (Km^R) gene at a unique PpuMI site to generate a unique DevRN-Aph fusion;**

II. **excising the disrupted devR allele as an ApaI-BamHI fragment and cloning the same into the corresponding sites of plasmid pJQ200SK so as to construct pJQ200SkdevR::kan,**

III. **introducing said plasmid into *M.tuberculosis* H37Rv, by conventional electroporation;**

IV. **selecting single crossover transformants indicative of plasmid integration on middle brook 7H10 agar plates containing kanamycin,**

V. **analyzing the same by conventional polymerase chain reaction (PCR) for the presence of devR, Km^R and sucrose resistance (SacB) gene sequences,**

VI. **subjecting said sequences to the step of conventional Southern analysis with devR probe, devS probe kanamycin resistant gene probe so as to designate *M.tuberculosis* Dup devR containing wild-type and the disrupted copies of the devR locus,**

VII. **growing *M.tuberculosis* Dup devR in middle brook 7H9 medium containing kanamycin and sucrose,**

VIII. subjecting said grown *M.tuberculosis* Dup *devR* strain into a plurality of plates having a medium 7H10 medium containing kanamycin and sucrose therein so as to obtain kanamycin resistant transformants,

IX. subjecting said grown *M.tuberculosis* devR to the step of conventional Southern hybridisation followed by conventional polymerase chain reaction process for the confirmation of said allelic exchange.

X. subjecting said transformants to the step of conventional polymerase chain reaction analysis for devR kan distrupted gene,

XI. subjecting said devR kan distrupted gene to the step of conventional Western blotting and immuno electron microscopy for the confirmation of functional disruption of said gene,

XII. evaluating the viability of growth of said strain *M.tuberculosis* devR under conditions of oxygen limitation and in aerobic conditions for devR and devS gene expression,

XIII. subjecting said grown strain to the step of conventional RT-PCR analysis for transcripts obtained from the Rv3134c-devR-devS operon,

XIV. scanning said transcripts by using the Ultra-Violet products gel documentation system and subjecting the same to the step of densitometric analysis by using a computer software to obtain desired mutant devR gene;

(Complete Specification Pages 12 Drawing 04 Sheets)

Indian Classification :- 152 F

193576

International Classification[7] :- C68L 95/00

Title :- "Process for the manufacture of bitumen modifier"

Applicant :- Vijay Kumar Sekhri, an Indian citizen, resident of C-295, Defence Colony, New Delhi, India.

Inventors :- VIJAY KUMAR SEKHRI -INDIA.

Kind of Application :- COMPLETE

Application for Patent Number 989/Del/1998 filed on 17/04/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 3)

The process for the manufacture of bitumen modifier from the discarded rubber tyres comprising the following steps:-
(i) Separating the ingredients, rubber, steel and fabric from the discarded tyres by conventional process.
(ii) grounding and sieving the segregated rubber to 30 to 50 mesh size particles in a crumbing plant and sieving plants respectively.
(iii) chemically treated crumb rubber of the said mesh size particles with 1-10 per cent of Ethylene Bis Stearamide alongwith 8-15 per cent of Naphthanic oil/furnace oil in an internal mixer at a temperature of 70-100 degree C.
(iv) cooling down the said chemically treated rubber.
(v) blending the cooled chemically treated crumb rubber with hydrocarbon minerals as herein described in the ratio of 50:90: 50:10 to obtain the bitumen modifier.

Complete Specification	No of Pages	7	Drawings Sheets	NIL

Indian Classification	:	170 B **193577**
International Classification[4]	:	C 11 D 1/04
Title	:	"A DETERGENT COMPOSITION "
Applicant	:	THE PROCTER & GAMBLE COMPANY, a corporation organized and existing under the laws of the State of Ohio, United States of America, of one Procter & Gamble Plaza, Cincinnati, Ohio 45202, U.S.A.
Inventors	:	BACPM DEMMOS RAU-USA TRINH TOAN-USA
Kind of Application	:	Complete

Application for Patent Number 1898/DEL/ 95 filed on 17.10.1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(18 Claims)

A detergent composition comprising:
(A) from 0.001% to 10% by weight of an enduring perfume composition said composition is selected form Perfume A which consists of benzyl salicylate, ethylene brassylate, Galoxide-50%, hexyl cinnamic aldehyde, and tetrahydro linalool or Perfume B which consists of benzyl acetate, benzyl salicylate, Coummarin, ethylene brassylate, Galoxide- 50% hexyl cinnamic aldehyde, lilial, methyl dihydro isojasmonate, gamma-n-ethyl ionone, patchouli alcohol, and tetrahydrolinalool;
(B) form 0.01% to 95% of a surfactant; and
(C) the balance being optionally conventional detergent adduct or adjunct materials or a mixtures thereof as herein described.

(Complete Specification 44 Pages Drawings NIL Sheets)

Indian Classification	:-	134 B
		193578
International Classification[7]	:-	B62M 9/00; B60K 17/00
Title	:-	"BELT -DRIVE VARIABLE-SPEED TRANSMISSION."
Applicant	:-	HONDA GIKEN KOGYO KABUSHIKI KAISHA, a corporation of Japan, having a place of business at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.
Inventors	:-	KAZUHITO - ITOH -JAPANESE, TAKASHI - OHYAMA -JAPANESE.
Kind of Application	:-	COMPLETE/CONVENTION

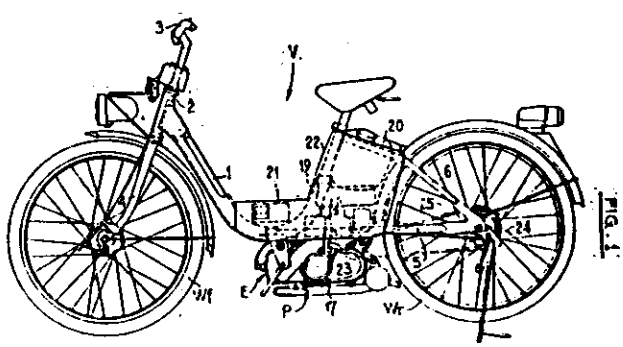
Application for Patent Number 1572/Del/1995 filed on 23/08/1995

Convention No. HEI-6-2932/Japan/28/11/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 4)

A belt-drive variable-speed transmission comprising: an input shaft (42); a driving pulley (51) mounted on the input shaft (42); an output shaft (53); a driven pulley (54) comprising an axially fixed part (85) and an axially movable part (86), and mounted on the output shaft (54); an endless belt (55) extended between the driving pulley (51) and the driven pulley (54); a coil spring (87) for biasing the axially movable part (86) toward the axially fized part (85); and a torque cam mechanism (88) for converting the torque transmitted from the endless belt (55) to the driven pulley (54) into axial thrust to bias the axially movable part (86) toward the axially fixed part (85); characterized in that the torque cam mechanism (88) is disposed radially inside the coil spring (87).



Complete Specification No of Pages 24 Drawings Sheets 11

Indian Classification	:	206E	**193579**
International Classification[4]	:	B 44F 1/12	
Title	:	"AN ANTI – THEFT ELECTRONIC DEVICE FOR AUTOMOBILES".	
Applicant	:	PRATOD PRABHAKAR DIXIT, an Indian National of E1142, Lajpat Nagar, New Delhi- 110 024.	
Inventor	:	PRATOD PRABHAKAR DIXIT-INDIA.	
Kind of Application	:	Complete	

Application for Patent Number 1929/DEL/1995 filed on 19.10.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(03 Claims)

An anti-theft electronic device for automobiles comprising:

(a) a key-pad unit (1) having 12 keys and comprising a key pad (5) adapted to be connected with the key pad interface (6) which is connected to a OR gate (7), the said OR gate being connected to a latch (8), the said latch (8) being connected to a driver (9), the said driver adapted to be connected to the ignition failure device (2) as hereafter described, internal code setting (10) and a digital magnitude comparator (11) being connected to the voltage supply terminal of the said driver (9), an electronic switch (12) connected to ignition switch at one end and to another electronic switch (13) at other end, the middle terminal of said electronic switches (12,13) being connected to voltage supply unit and said latch (8) and the output terminal of said latch (8) being connected to the disable input of the said electronic switch (13) wherein the said key pad interface (6) has a first latch (14) whose input is connected to a timer (20) and output is connected to first AND gate (15), the said first AND gate (15) being connected to said key pad (5) and to the input of second latch (16), the second AND gate (17) being connected to the said key pad (5) and to the output of said second latch (16) being input to the said second AND gate (17), the output of said second AND gate (17) being connected to third latch (18) which is connected to AND gate (19), the output of said

timer (20) being connected to AND gate (21) whose output is connected to AND gate (19), the input of fourth latch (22) being connected to key pad (5) and to the input of AND gate (21);

(b) an automatic feed back unit comprising two rectifier/ electronic switches (27,28), the output terminals are shorted to form a common connection to provide power supply to the said key pad unit and the input of said switch (27) being connected to +ve terminal of automobile rectifier and the input of said switch (28) being connected to drycell and/or automobile battery;

(c) an external card means (3) removably connected with the keypad unit (1) comprising a plurality of electronic switch (29), the input of said switches being connected to the +ve terminal of said digital magnitude comparator (11) of the said keypad unit (1).

(Complete Specification 16 Pages Drawings 03 Sheets)

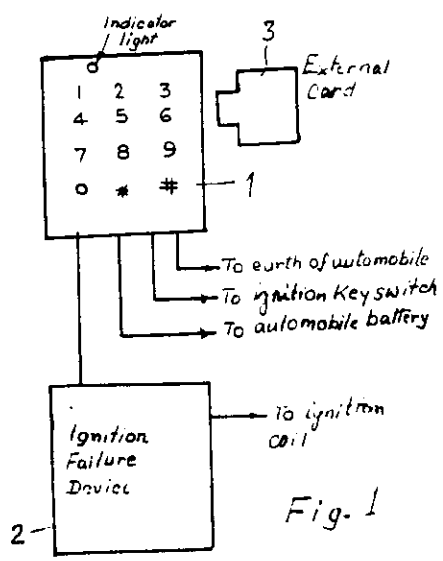


Fig. 1

Indian Classification 4	:	62 E 1935.
International Classification	:	B01 D 36/04
Title	:	" A DEVICE FOR TREATING A FLUID."
Applicant	:	Alfa Laval Moatti snc, a French company of Z.I. Le Chene Sorcier – CD 161 – 78340 Les Clayes Sous Bois, France.
Inventors	:	THEOPHILE JEAN CHRISTOPHE ; JEAN-CLAUDE PROSPER MOATTI – both French Citizens.
Kind of Application	:	CONVENTION / COMPLETE

Application for Patent Number 1813/DEL/95 filed on 29.09.95.

Convention application No. 9412461/FR/19/10/94

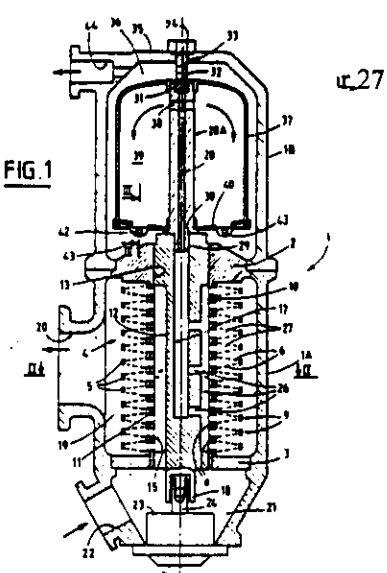
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(07 Claims)

A device for treating a fluid comprising a filter (4), having one or more filtering elements (5) and a cleaning device for periodically cleaning each filtering element having, on the one hand, a rotary distributor (12-14) which periodically isolates one part of the filtering surface of each filtering element in order to allow the counter-current cleaning thereof, and on the other hand, an evacuation conduit (17) for the cleaning fluid filled with the impurities resulting from the cleaning, said device having a centrifuging treatment device which has a rotary centrifuging enclosure (37) connected to an admission conduit (28) for admitting said cleaning fluid,

Characterized in that the filtering element or elements (5) and the centrifuging enclosure (37) are contained in a single casing (1A-1B), while the admission conduit (28) for admitting the cleaning fluid is directly connected (29-30) to the evacuation conduit (17) for evacuating the cleaning fluid.

(Complete Specification Pages 09 Drawing Sheets-2) FIG.1



Indian Classification :- 163 D

193581

International Classification[7] :- F16H 55/30

Title :- "A FLAT PLATE ROTARY MEMBER."

Applicant :- SUNSTAR ENGINEERING INC., a Japanese Company of 7-1 Aketa-cho, Takatsuki-shi, Osaka-fu, 569 JAPAN.

Inventors :- TAKAMORI - NORIHIKO -JAPAN,
FUMIHIKO - METSUGI -JAPAN,
AKIHITO - OHATA -JAPAN.

Kind of Application :- COMPLETE/CONVENTION

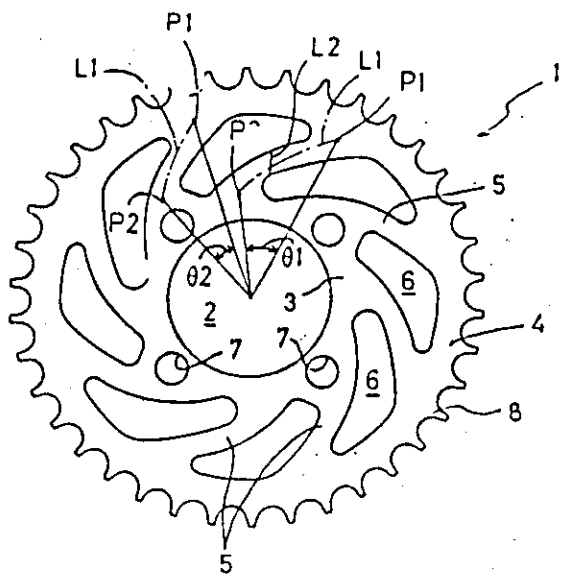
Application for Patent Number 2339/Del/1995 filed on 18/12/1995

Convention No. P07(1995)1/Japan/01/02/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 3)

A flat plate-like rotary member formed of a carbon steel plate, which is sprocket type rotary member having a function to prevent a warpage of said rotaty member, said rotary member comprising: - an annular hub portion arranged on a center side, - an annular ring portion arranged on an outer circumferential side having a plurality of teeth along said outer circumferential side and - a plurality of arm portions connecting the hub portion and the ring portion wherein said hub portion, said ring portion and said arm portion are integrally formed to form said flat plate-like member without uneven surface, with a plurality of weight reduction holes partitioned by adjacent arm portions between the outside of the hub portion and the inside of ring, portion characterized in that said plurality of arm portions are provided so that centers of their distal end portions on the ring side and center of their proximal end portions on the hub side are offset in one circumferential direction, and said plurality of arm portions are formed in a straight or gentle curved form so that said hub portion and said ring portion are not directly connected to each other by longitudinal sectional lines that intersect with the arm portions and the weight reduction holes in a radial direction of said sprocket.



Complete Specification No of Pages 23 Drawings Sheets 14

Indian Classification	:-	70 C 5 **193582**
International Classification[7]	:-	H 01 L 031/0224, H 01 L 031/18
Title	:-	" A METHOD OF MANUFACTURING A SOLAR CELL AND SOLAR CELLS OBTAINED BY THE METHOD "
Applicant	:-	INTERUNIVERSITAIR MICROELEKTRONICA CENTRUM, of Vereniging Zonder Winstbejag, kapeldreef 75, B-3001 Leuven, Belgium.
Inventors	:-	JOZEF SZLUFCIK - Belgium. JOHAN NIJS - Belgium. ROLAND JOZEF FICK - Belgium.
Kind of Application	:-	COMPLETE

Application for Patent Number 208/del/1996 filed on 31/01/96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

A method of manufacturing a solar cell having a top contact pattern which consists a set of parallel narrow finger lines and wide collector lines deposited essentially at right angle to the finger lines on the semiconductor substrate characterized in that it comprises the steps of: screen printing a masking paste on top of a front surface of said semiconductor substrate using a screen with a pattern structure, thereby forming a printed pattern; depositing a coating over said front surface; dissolving said the masking paste and selectively lifting - off the part of the coating deposited on top of the masking paste and thereafter screen printing the set of finger lines in openings formed in said coating using a screen with said pattern structure and drying in a known manner the set of contact finger lines; printing and drying in known manner the wide collector lines on the top of the set of finger lines; and firing both finger lines and collector lines in a known manner in a single final step in order to form an ohmic contact between the finger lines and the semiconductor substrate and between the finger lines and the wide collector lines.

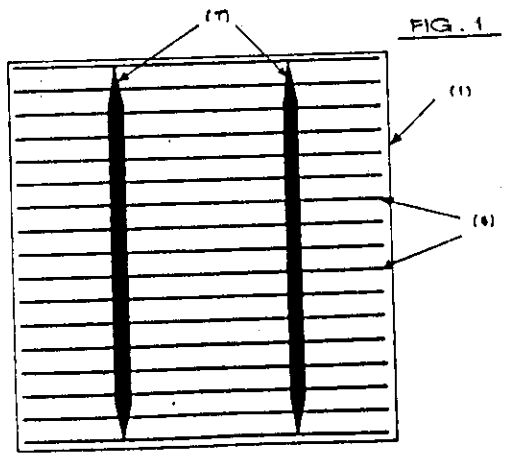


FIG. 1

Complete Specification No of Pages 24 Drawings Sheets 04

Indian Classification	-	128 G **193583**
International Classification[7]	-	A 61B 17/42
Title	:-	"SUGRICAL INSTRUMENT AND METHOD FOR TREATING FEMALE URINARY CONTINENCE."
Applicant	:-	Ethicon, Inc., of PO Box 151 Somerville, NJ 08876-0151 U.S.A
Inventors	:-	JAN CLAREN - Swiss citizen ULF ULMSTEN - Swiss citizen
Kind of Application	:-	COMPLETE

Application for Patent Number 202/del/1996 filed on 30/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office New Delhi Branch - 110 008

(Claims 28)

Surgical instrument for treating female urinary incontinence, comprising: - a shank (10) having a handle (11) at one end and a curved portion (21) at the other end, said portion being intended to be passed into the body via vagina, - a tape to be implanted into the body as a loop around the urethra characterised by - two curved needle-like elements (21A, 21B), each connected at one end thereof to one end of said tape (26) and - means on said shank and each of said elements for exchangeable connection of the said needle like elements one at a time to the shank at the other end thereof to form at said other an extension of the shank as a curved end portion thereof to extend from the inside surface of the vaginal wall over the back of the pubic bone to the outside of the abdominal wall.

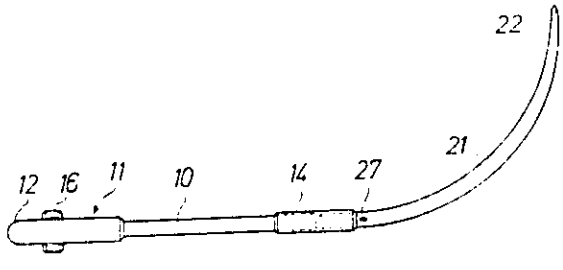


FIG. 1

Complete Specification No of Pages 13 Drawings Sheets 12

Indian Classification	:-	27 I **193584**
International Classification[7]	:-	B 60 P 3/00; E 04 B 1/344
Title	:-	" MOBILE ACCOMODATION DEVICE"
Applicant	:-	THORNBJORN GYLLENHAMMAR, of Mojbrovagen 20, S-161 53 Bromma, Sweden.
Inventors	:-	THONBJORN GYLLENHAMMAR - SWEDISH.
Kind of Application	:-	COMPLETE

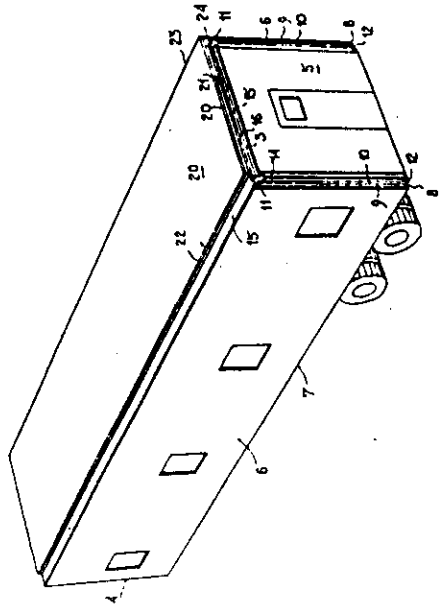
Application for Patent Number 226/del/1996 filed on 02/02/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110.008.

(Claims 04)

A mobile accommodation device comprising a central structure (1), which is provided with floor (2), roof (3) and front and rear end walls (4,5) and which is expandable in at least one direction in which at least two parallel supporting beams (30) provided with ground supports (31) are adapatable protruding from the central structure (1) and supporting a side wall (6), the bottom edge (7) of which being hinged to the outermost (9) of at least two foldable floor sections (9,10) the innermost foldable floor section (10) being hinged to the bottom edge of the central structure (1) and the top edge of which side wall being hinged to the outermost (15) of at least two foldable roof sections (15,16), the innermost of which (16) being hinged to a top edge of the central structure , in addition to which a front wall and a rear wall (13,14) is hinged to the central structure adapted to be swung out and locked in this position along the edge portions of the floor sections and the roof sections, characterized in that the hinge (18) of the outermost roof sections (15) at the top edge of the side wall (6) is positioned higher than the hinge (19) of the innermost roof section (16) at the top edge of the central structure (1) and that the folded roof sections (15, 16) non-expanded position are folded in over the roof (3) of the central structure (1).

FIG. 1



Complete Specification No of Pages 05 Drawings Sheets 06

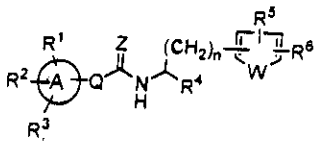
Indian Classification	:	32 F(2a) **193585**
International Classification[7]	:	A61K 31/155
Title	:	"A PROCESS FOR PREPARAING COMPOUND USEFUL AS INHIBITORS OF ALPHA 4 MEDIATED CELL ADHESION."
Applicant	:	TANABEE SEIYAKU CO., LTD. of 2-10 Dosho-machi 3-chome, chuo-ku, Osaka 541-8505, JAPAN.
Inventors	:	ILA SIRCAR – U.S. RICHARD MARTIN– CA KRISTJAN S. GUDMUNDSSON – I.S.
Kind of Application	:	Convention-Complete

Application for Patent Number 112/Del/ 99 filed on 20th Jan. 99.
Convention date 20.1.1998/ 60/071,840/ U.S.A

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(8 Claims)

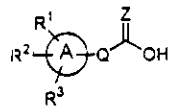
A process for preparing compound of formula [I] useful as inhibitors of α4 mediated cell adhesion:



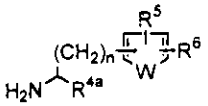
[I]

wherein
Ring A is a benzene ring;
Q is a bond, a carbonyl, a lower alkylene group which may be substituted by a hydroxyl, phenyl, a lower alkenylene, or a -O-(lower alkylene)- group;
n is an integer of 0, 1 or 2; W is an oxygen or sulfur atom, a -CH=CH- or a -N=CH- group; Z is oxygen or sulfur atom;
R^1, R^2 and R^3 are selected from the group consisting of: hydrogen or a halogen atom, a substituted or unsubstituted lower alkyl, aryl, heterocyclic, alkoxy, nitro, amino, sulphamoyl, carboxyl group, or an amide or an ester thereof, a cyano group, an amino group, a lower alkylthio group, a lower alkanesulfonyl group, and a hydroxyl group; or two of R^1, R^2 and R^3 may combine each other at the terminal thereof to form a lower alkylenedioxy group; R^4 is tetrazolyl group, a carboxyl group, or an amide or an ester thereof; R^5 is a group selected from a hydrogen atom, a nitro group, a substituted or unsubstituted amino group, a hydroxyl group, a lower alkanoyl group, a substituted or

unsubstituted lower alkyl group, a lower alkoxy group, a halogen atom, 2-oxopyrrolidinyl group; R^6 is a group selected from the group consisting of -a substituted or unsubstituted phenyl group and heteroaryl group; with the proviso that when Ring A is a benzene ring, the ring is not substituted with a methyl group in the 3- and the 5- positions or in the 2- and the 4- positions;
or a pharmaceutically acceptable salt thereof, comprising:
a) condensing a compound of the formula [II]:


[II]

wherein the symbols are the same as defined above, a salt thereof or a reactive derivative thereof with a compound of the formula [III]:


[III]

wherein R^{4a} is an ester group, and other symbols are the same as defined above, or a salt thereof,
(b) converting the ester group into a carboxyl group by known process.

(Complete Specification 195 Pages ; Drawings Nil Sheets)

193586

Indian Classification	:-	95 H
International Classification[7]	:-	F 28 F 1/00, F 28 B 9/00
Title	:-	"A BUNDLE OF TUBES FOR A STEAM CONDENSER"
Applicant	:-	GEC ALSTHOM DELAS, of 12-14 rue d'Alsace, 92300 Levallois-Perret, France.
Inventors	:-	BERNARD - ANDRIEUX - FRANCE DANIEL - CARPENTIER - FRANCE
Kind of Application	:-	COMPLETE/CONVENTION

Application for Patent Number 309/del/1996 **filed on** 15/02/1996

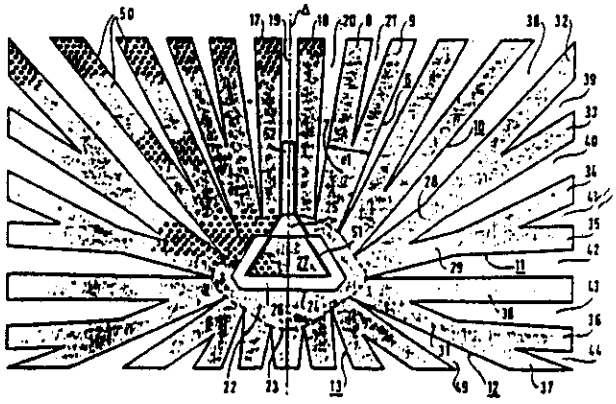
Convention No. 9502127/France/23/02/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi **Branch - 110 008.**

(Claims 06)

A bundle of tubes for a steam condenser in which the projection on a plane perpendicular to the axis of the tubes of the envelope of the tube-containing zones of the bundle forms a trace of the type forming radiating spikes (6; 10 to 18) surrounding a first tube-containing area (27) forming an air cooler, characterized in that at least some (6; 10 to 13) of the spikes split at least once into branches (8,9; 28, 29; 32 to 35; 46, 47, 48,49), and in that said radiating spikes radiate from a tube-containing area that forms a substantially circular ring (22).

FIG. 3



Complete Specification No of Pages 11 Drawings Sheets 04

Indian Classification	:	206 E **193587**
International Classification[7]	:	H04B 7/24
Title	:	"A GLOBAL COMMUNICATION APPARATUS."
Applicant	:	MOTOROLA INC., a corporation of the State of Delaware, United States of America, of 1303 East Algonquin Road, Schaumburg, Illinois, 60196, United States of America.
Inventors	:	PETER JOSEPH ARMBRUSTER – US JAMES WILLIAM BISHOP – US
Kind of Application	:	Complete

Application for Patent Number 1526/Del/95 filed on 16th Aug. 95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(2 Claims)

A global communication apparatus that interfaces with a local exchange comprising :

a communication node (12);
a mobile exchange unit (13) conncected with said local exchange and said communication node (12), wherein said mobile exchange unit (13) includes a plurality of radio channels; and
a gateway (22) connected with said communication node (12), said gateway (22) including :
a controller (204) connected said mobile exchange unit (13) and said communication node (12), the controller (204) configured to request routing information for a communication path between a subscriber unit in said communication apparatus and a destination in said local exchange, reserve a radio channel of said plurality of radio channels for said communication path, and, set-up a communication link between said gateway (22) and a called party in said local exchange using said radio channel to identify said destination.

(Complete Specification 25 Pages Drawings 5 Sheet)

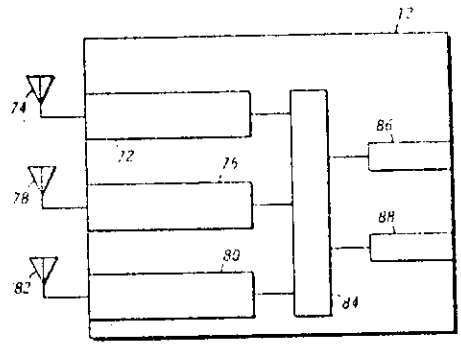


FIG. 2

Indian Classification	:	32C 193588
International Classification[4]		C05G 3/00
Title	:	"A NON-EXPLOSIVE WATER – IN – OIL EMULSION FERTILIZER COMPOSITION"
Applicant	:	THE LUBRIZOL CORPORATION, a corporation organized under the laws of the State of Ohio, United States of America, of 29400 Lakeland Boulevard, Wickliffe, Ohio 44092-2298, United States of America.
Inventors	:	RICHARD WILLIAM JAHNKE JOHN WESLEY FORSBERG NILSOLOF PEARSON-ALL US
Kind of Application	:	Complete

Application for Patent Number 1903/DEL/95 filed on 17.10.1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

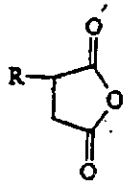
(08 Claims)

A non-explosive water-in-oil emulsion fertilizer composition comprising :

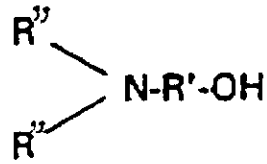
a known discontinuous aqueous phase comprising at least one fertilizer component of the kind such as herein described, present at a level of at least 90% by weight;

a continuous oil phase of the kind such as herein described, present at a level of at least 2% by weight;

an emulsifier comprising the ester salt product of the kind such as herein described of at least one hydrocarbyl substituted succinic anhydride acylating agent represented by the formula



wherein R is either derived from a C_2 to C_{18} olefin or a polymerized olefin containing between 30 and 500 carbon atoms, and at least one tertiary alkanol amine represented by the formula:



wherein each R" is independently a hydrocarbyl group or a hydroxyl-substituted hydrocarbyl group of 1 to 8 carbon atoms and R' is a divalent hydrocarbyl group of 2 to 18 carbon atoms, the emulsifier present at a level of at least 4% by weight.

(Complete Specification 34 Pages Drawings NIL Sheets)

Indian Classification :- 134 D **193589**

International Classification[7] :- B 62 D 5/00

Title :- " A POSITION SERVO APPARATUS "

Applicant :- TOROTRAK (DEVELOPMENT) LIMITED, of 101 Newington Causeway, London SE 1 6 BU, England.

Inventors :- CHRISTOPHER JOHN GREENWOOD - England

Kind of Application :- COMPLETE

Application for Patent Number 2152/del/1995 filed on 23/11/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 16)

A position servo apparatus comprising: a driven mechanism (4); and a first rotary actuating member (1,3) by which an operative control is applied to the driven mechanism (4), characterized by: a continuously-variable-ratio transmission having a roller assembly; and means responsive to an error (34) (20,37,51,2) between a position of the driven mechanism (4) and the first rotary actuating member (1,3) for varying a position of at least one roller thereby to create a power output from the continuously-variable-ratio transmission to apply torque to the driven mechanism to diminish the error.

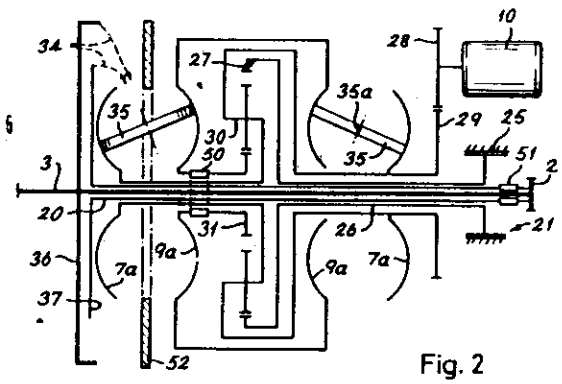


Fig. 2

Complete Specification No of Pages 13 Drawings Sheets 02

Indian Classification	:	55 **193590**
International Classification[4]	:	G01N 33/53 G01N 33/576
Title	:	"BUFFER SOLUTION"
Applicant	:	J.MITRA & CO. LTD., an Indian Company, of A-180 , Okhla Industrial Area, Phase-1, New Delhi- 110 020, India,
Inventors	:	LALIT MAHAJAN-INDIAN
Kind of Application	:	Provisional/Complete

Application for Patent Number 591/Del/2000 filed on 14.06.2000.

Complete left after provisional on 14.06.2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of buffer solution composition for use in the diagnostic kit for the detection of liver diseases comprising mixing 8-12 millimolar disodium hydrogen phosphate , 8-12 millimolar Sodium Dihydrogen Phosphate, 1-2% by volume Surfactant, 0.5-1.5% Protein Stabilizer, 0.6-1.5% Sodium Chloride, 0.001-0.15 preservative and the balance being distilled water such that the buffer solution is in the range of pH 7 to 8.5.

(Provisional Specification 03 Pages Drawings NIL Sheets)
(Complete Specification 06 Pages Drawings NIL Sheets)

Ind.Cl.:158 E2

193591

Int.Cl[7]:B 61 F 5/52

"An improved lightweight railcar truck sideframe"

Applicant: Amsted Industries Incorporated
A US Company
of 205 North Michigan Avenue, 44th Floor,
Boulevard Towers South, Chicago, Illinois 60601, USA

Inventors: 1. Rami V Nassar

Application No650/MAS/1996 filed on 18th April 1996

Convention No.08/501,998 on, 13th July 1995 in USSN
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

An improved lightweight railcar truck sideframe of a generally solid and open, I-beam cross-sectional shape for carrying a railcar payload, said sideframe having a longitudinal axis, a front end, a back end and a midsection therebetween,

a longitudinal elongate solid upper compression member having a first end and a second end, each of said ends having a respective pedestal jaw downwardly depending therefrom, each of said pedestal jaws formed by a vertically disposed forward pedestal, a vertically disposed rearward pedestal and a horizontally disposed pedestal roof interconnecting said forward and rearward pedestals, each of said pedestal jaws having a forward corner and a rearward corner, said corners formed at the intersection of a respective said pedestal and said roof, said pedestal roof having a midpoint between said forward and rearward corners,

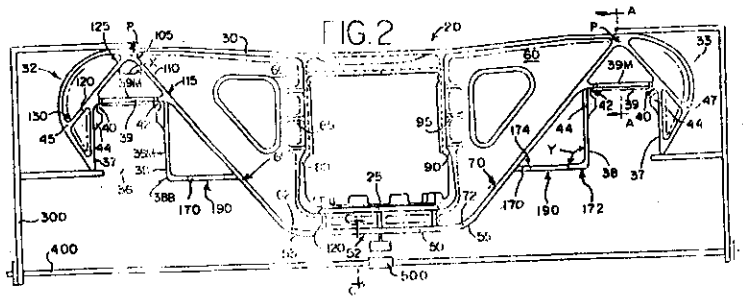
a longitudinally elongate solid lower tension member having a front section, a rear section and a central section therebetween, said central section having a proximal and distal ends, each of said sections integrally formed such that said central section is disposed generally parallel to said upper compression member, while said front section upwardly extends as a solid diagonal arm from said center section proximal end to said upper compression member first end, and said back section upwardly extends as a solid diagonal arm from said center section distal end to said upper compression member second end, each of said diagonal arms extending upwards to and connecting with a respective said upper compression member end at a respective said pedestal jaw,

a substantially solid vertical web having an inboard side and an outboard side, said inboard and outboard sides defining an inboard and outboard side of said sideframe, said web having a bolster opening about said sideframe midsection which defines a front vertical column and a rear vertical column,

said sideframe I-beam cross-sectional shape defined by a solid top flange corresponding to said upper compression member, a solid bottom flange corresponding to said lower tension member, and said substantially solid vertical web interconnecting said upper and lower flanges, said improvement comprising:

said sideframe front and rear ends being structurally reinforced with bracing means on each of said sideframe sides at each of said pedestal jaws in order to increase the lateral stiffness of said sideframe while decreasing susceptibility to structural sideframe twisting, said bracing means comprised of a primary bracing means and a secondary bracing means, said primary bracing means connecting said pedestal jaw roof to said top compression member and said secondary bracing means connecting said rearward pedestal to said lower compression member, wherein said pedestal jaw is simultaneously connected to said upper and lower members on each side of said sideframe.

FIG. 2



Reference to : US 5,410,968; ;

Comp.Speen. 22 Pages; Drgs 2 Sheets.

Ind.Cl.:50 B VII (1)

193592

Int.Cl[7]:A 23 L 3/36; A 23 L 2/12

"INSTANT COCONUT CHILLER"

Applicant: PALAKURTHY RADHAKRISHNA
an Indian National, Coolex Industries,
27-1-25, Eluru Road,
Vijayawada-520 002, A.P. India

Inventors: 1. Palakurthy Radhakrishna

Application No528/MAS/1996 filed on 2nd April 1996

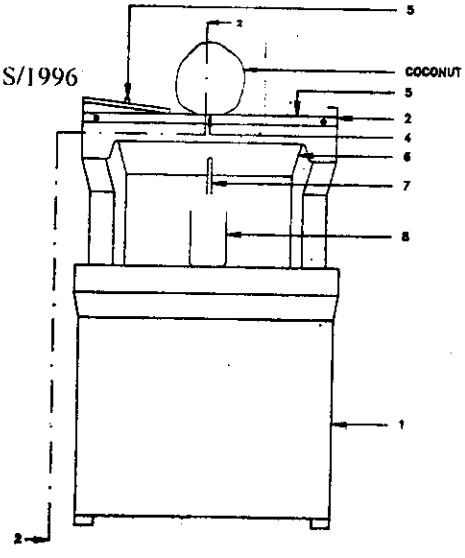
Complete specification Left31st March 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

7 Claims

An instant coconut chiller for cooling the coconut water instantly, comprising a fibre glass body (1) supporting and enclosing the whole unit, fitted with a stainless steel frame (2) at the upper part of the said unit, having a see through top (3) which in turn is provided with a coconut holder/mouth (4) made of stainless steel and fitted with a filter to trap small unwanted particles, a cool chest (refrigerated surface area) (6) situated below the said coconut holder and is made of stainless steel connected to a compressor type refrigeration unit provided with automatic theremostat control to cool it to the desired temperature, said cool chest received flow of coconut water on it so as to cool it instantly and thereafter said water is allowed to be collected down into a container/glass (8) through an outlet tap (7).

Ref: Indian Application No.528/MAS/1996



Text: Provn. Spcn.6; Comp.Spcn.9 Pages; Drgs2 Sheets.

Ind.Cl.:63A2 LVII (1); 69 G LIX (1)

193593

Int.Cl[7]:H02 K 19/06 ; H01 H 3/58

"A SINGLE-PHASE VARIABLE RELUCTANCE MOTOR SYSTEM"

Applicant: M/S. SWITCHED RELUCTANCE DRIVES LIMITED,
A BRITISH COMPANY
OF SPRINGFIELD HOUSE,
HYDE TERRACE, LEEDS, LS2 9LN
ENGLAND

Inventors: 1. NORMAN NEILSON FULTON

Application No500/MAS/1996 filed on 27TH MARCH 1996

Convention No.9506460.6 on, 29TH MARCH 1995 in GREAT BRITAIN

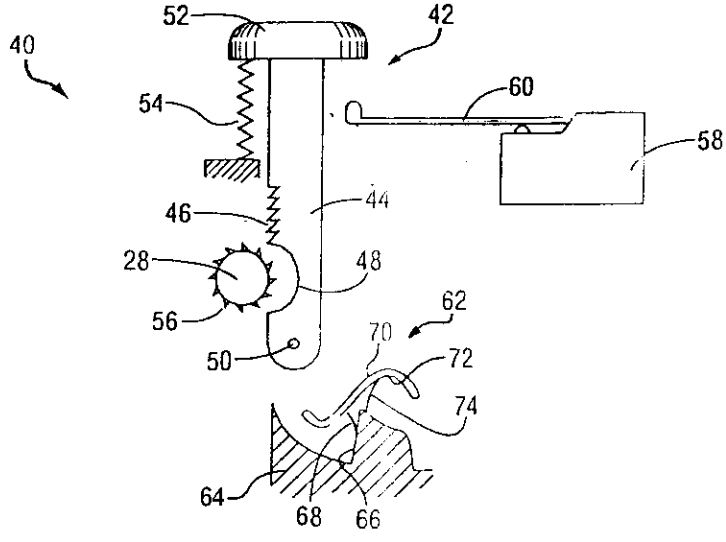
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) ; Patent Office, Chennai Branch.

11 Claims

A single-phase variable reluctance motor system, comprising: a stator having a plurality of stator poles; a coil wound around at least one of the stator poles; a rotor having a plurality of rotor poles; and a motor starting mechanism engageable with the rotor for moving the rotor into a desired position relative to stator before power is supplied to the coil, the mechanism comprising a switch actuator which is movable to set the rotor in motion.

Reference to : EP 163328, EP 601818

Comp.Specn. 19 Pages; Drgs 5 Sheets.



Ind.Cl.:39 K

193594

Int.Cl[7]:C 01B 33/12; C 08 K 3/36

" A PROCESS FOR THE PREPARATION OF PRECIPITATED SILICA "

Applicant: M/s. RHONE-POULENC CHIMIE
A FRENCH BODY CORPORATE
25, QUAI PAUL DOUMER,
92408, COURBEVOIE CEDEX, FRANCE

Inventors: 1. YVES BOMAL
2. YVONICK CHEVALLIER
3. PHILIPPE COCHET

Application No488/MAS/1996 filed on 26th MAR 1996

Convention No.95 03674 on, 29th MAR 1995 in FRANCE
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

19 Claims

A process for preparing precipitated silica comprising reacting a silicate with an acidifying agent such as herein described to produce a suspension of precipitated silica and, then, separating and drying the suspension, wherein the precipitation is carried out by the steps comprising; (i) forming an initial base stock comprising the silicate and an electrolyte, said stock initially having a silicate concentration (expressed as SiO_2) lower than about 100 g/l and an electrolyte concentration lower than about 17 g/l. (ii) adding the acidifying agent to said base stock until a pH value of at least about 7 is obtained, and (iii) simultaneously adding additional acidifying agent and silicate to said base stock to obtain a suspension having a solids content of not more than 24% by weight when dried characterized in that (iv) adding at least one aluminium compound A and either then a basic agent or simultaneously a silicate to the reaction mixture after step (iii), the said separation comprising a filtration and a disintegration of the cake originating from this filtration, the said disintegration being performed in the presence of at least one aluminium compound B.

Comp.Specn. 53 Pages; Drgs NIL Sheets.

Ind.Cl.:6 B 3 XLVIII(1), 107 E XLVI(2) **193595**

Int.Cl[7]:F02M35/00

" A FILTER MUFFLER WITH A HOUSING "

Applicant: M/s. ABB SCHWEIZ HOLDING AG
A SWISS COMPANY
OF BROWN BOVERI STRASSE 6,
5400 BADEN,
SWITZERLAND

Inventors: 1. JOSEPH BATTIG
2. RETO MEIER

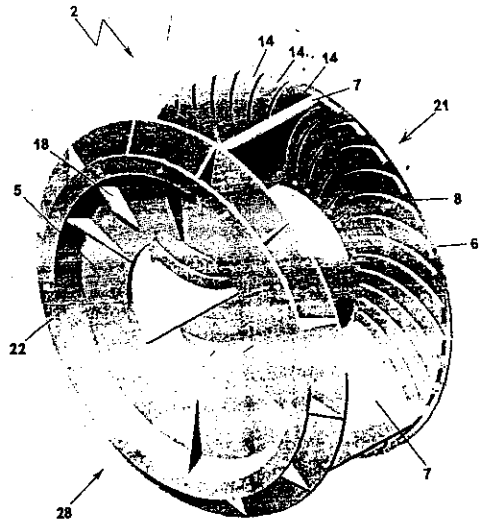
Application No302/MAS/1996 filed on 27th FEB 1996

Convention No.195 14 990.4 on, 24th APR 1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

7 Claims

A filter muffler with a housing (2) which is designed as a monobloc and in which a plurality of damping elements (3) consisting of damping plates (9) and absorption elements (10) are arranged, the housing form of the filter muffler having a central axis (13), wherein a damping element (3) consists of only one damping plate (9) which surrounds only one absorption element (10), and wherein the damping elements (3) are arranged in radial grooves (8) of the housing walls (5, 6) of a filter muffler housing (2) in a way that air inlet ducts (24) are formed between adjacent damping elements (3) and, at the same time, the damping surfaces (11, 12) of the damping elements (3) are oriented parallel to the central axis (13) of the housing.



Reference to : EP 0,574,605 A1.

Comp.Spcn. 14 Pages; Drgs 6 Sheets.

Ind.Cl.:99D

193596

Int.Cl[7]:B 65 D 35/46

" VALVE MOUNTING ASSEMBLY FOR AEROSOL CONTAINER "

Applicant: M/s. PRECISION VALVE CORPORATION,
A US COMPANY
700 NEPPERHAN AVENUE YONKERS
NEW YORK 10708
USA

Inventors: 1. ROBERT R Blake

Application No172/MAS/1996 filed on 2nd FEB 1996

Convention No.08/384,736 on, 3rd FEB 1995 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

A valve mounting assembly for an aerosol container comprising a) a mounting cup having a central pedestal portion to which is affixed the aerosol valve, a profile portion emerging radially downward and outward from the pedestal, a skirt portion extending substantially vertically from the radially outward terminus of the profile portion and terminating in a flange portion for receiving the bead of a container; b) said skirt portion having an outside diameter slightly less than the inside diameter of the bead of the container to which the gasketed mounting cup is to be clinched: c) said mounting cup having a sleeve gasket disposed on the skirt portion of the mounting cup, the axial height and radial thickness of said sleeve gasket being of such dimension that inserting the so positioned sleeve gasket mounting cup into the container opening will advance the sleeve gasket into the channel portion of the mounting cup through the contact of the bead of the container and the sleeve gasket.

Reference to : USA 4,546,525; 9,547,948; 4,559,198; 5,213,231

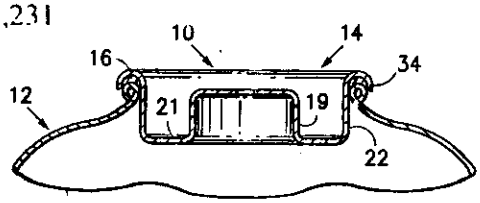


FIG. 2

Comp.Speen. 24 Pages; Drgs 6 Sheets.

Ind.Cl.:23 B XL (3); 128 G XIX (2)

193597

Int.Cl[7]:B 65 D 55/00; B 65 D 85/20

"A LOCKING CONTAINER FOR A SYRINGE"

Applicant: PHARMACIA & UPJOHN CO.,
a Delaware Corporation,
of 301 Henrietta Street, Kalamazoo,
Michigan, USA

Inventors: 1. Paul Claes
2. Leo DeBondt
3. Walter VanGiel

Application No130/MAS/1996 filed on 25th January 1996

Convention No.08/390,964 on 21st Februrary 1995 in USA

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

8 Claims

A locking container for a syringe, comprising a pair of cover members (11,12) that are relatively movable between open and closed conditions by means of an integral hinge (13); and syringe-holding means (41, 42, 43) on the inside of one of the cover members; characterized by an elongate locking key comprising a catch (75, 76) at one end and an enlarged head (69) at the other end; a pair of holes (57, 62), one in each of the cover members, that are axially-aligned when the cover members are in the closed condition, and that are adapted to movably receive the key catch therein; and latch means (58) fixed in the hole (57) in one cover member (12), for operative engagement with the catch when the enlarged head contracts the outer surface of the other cover member (11) in a region adjacent to the hole (62) in that other cover member, whereupon the key is rendered non-movable in the holes and the cover members are locked together in the closed condition; The hole having the latch means is defined by hollow sleeve (56) integrally formed in said one cover member and the latch means is defined by an internal bead projecting into the hole and adjacent an inner end of the sleeve.

Reference to : USA - 4,969,554; 4,979,616; 5,024,323; 5,024,326; 5,113,454; 5,156,267 & EP - 367,422

Comp.Specn. 11 Pages; Drgs 4 Sheets.

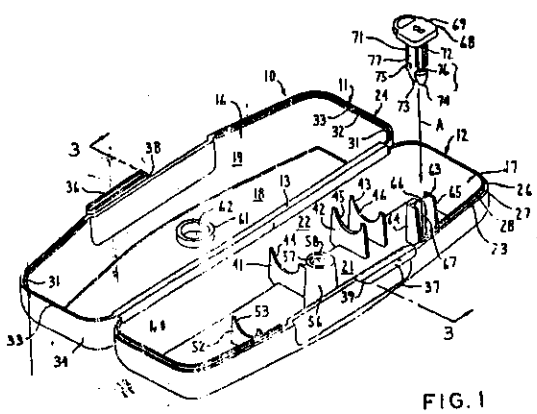


FIG. 1

Ind.Cl.:172 C 2 XX

193598

Int.Cl[7]:D 01 G 19/00

"A COMBING MACHINE"

Applicant: MASCHINENFABRIK RIETER AG
A SWISS COMPANY,
KLOSTERTRASSE 20
CH-8406 WINTERTHUR
SWITZERLAND

Inventors: 1. Jorg Andreas
2. Griesshammer Christian
3. Brunecker Guido

Application No:119/MAS/1996 filed on 24th January 1996

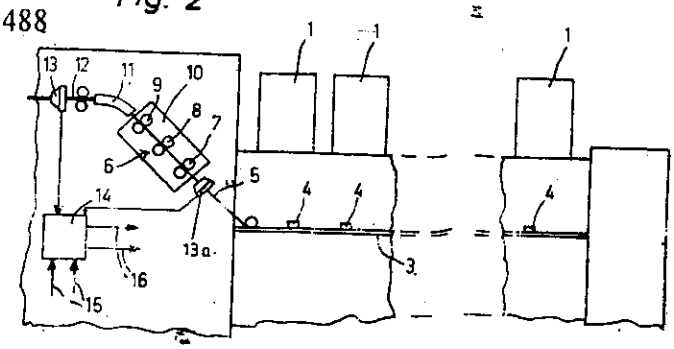
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003); Patent Office, Chennai Branch.

8 Claims

A combing machine with several combing heads for supplying a single head sliver (2) each made from combed fibre material, with means (4) for joining the single head slivers (2) into a sliver bunch (5), with a drafting arrangement (6) for drafting the sliver bunch, with means (11) for forming a combing machine sliver (12) from the drafted sliver bunch, with a sensor device (13, 13a) for continuous determination of the thickness of the combing machine sliver (12) or the mass of the sliver bunch (5) and with a comparator device of a processor (14) for comparing at least one prepared output signal of the sensor device with a predeterminable set value stored in the processor (14), wherein the comparator device is part of at least one controller connected with the processor (14) for producing at least one actuating signal (16) for at least one element (27; 32; 35; 36; 4; 6; 10) of the combing heads, of the said means (3, 4) for joining or of the drafting arrangement (6, 10) of the combing machine.

Reference to : EP-A-0 376 002EP-A-1 412 488

Fig. 2



Comp.Specn. 18 Pages; Drgs 3 Sheets.

Ind.Cl.:76 E LXIV (4)

193599

Int.Cl[7]:A 44 B 19/26

"A SLIDER FOR A SLIDE FASTENER"

Applicant: YKK CORPORATION
a Japanese company
of No.1, Kanda Izumi-cho,
Chiyoda-ku, Tokyo,
Japan

Inventors: 1. Hiroshi Mizuno

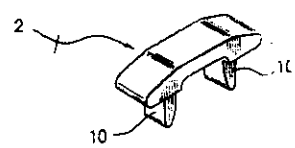
Application No65/MAS/1996 filed on 12th January 1996

Convention No.7-13331 on 31st January 1995 in Japan

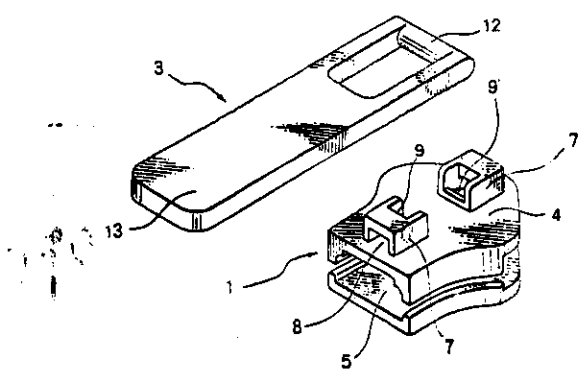
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13 Claims

A slider for a slide fastener, comprising a slider body (1, 20) having upper and lower wings (4; 5, 23; 24); at least one attachment lug (7, 25) projecting from an upper surface of said upper wing (4, 23), each attachment lug (7, 25) having an insertion hole (8, 26) and a guide surface (9, 27) contiguous to said insertion hole (8, 26); a pull tab (3, 22) having a pintle (12, 34); and a pull tab retaining bar (2, 21) having at least one leg (10, 32) each adapted to be fitted in said insertion hole (8, 26) of said attachment lug (7, 25) so as to define between said retaining bar (2, 21) and said upper surface of said upper wing (4, 23) an opening through which said pintle (12, 34) of said pull tab (3, 22) is to be inserted.



Reference to : Japan-59-156512; 60-4213; 60-70308



Comp.Specn. 27 Pages; Drgs 13 Sheets.

Ind.Cl.:143 (4) **193600**

Int.Cl[7]:B 65 D 30/10; B 65 D 33/28

"A FLEXIBLE CONTAINER FOR STORAGE AND TRANSPORT OF BULK MATERIALS"

Applicant: STANPACKS (INDIA) LTD.,
of "Gorantla Nilayam", Sir Thyagaraya Road,
T. Nagar,
Chennai 600 017, an Indian Company
India

Inventors: 1. M. Ravindranath
2. G. Radhakrishna
3. N. Sudhakar
4. Chalapathi

Application No:1800/MAS/1996 filed on 10th October 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

13 Claims

A flexible container for storage and transport of bulk materials comprising a base member (B) and a plurality of side panels (SP) forming a hollow body, the said side panels terminating in a mouth (O) provided with closure means (CM) and having at least one window (W) provided with cover means, at least one pouch (P) provided with transparent protective outer cover, and a plurality of lifting loops (L) located externally.

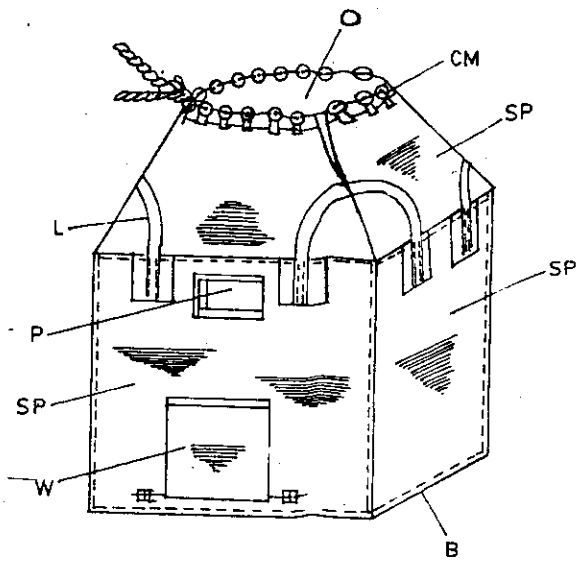


FIG - 1

Comp.Specn. 10 Pages; Drgs 2 Sheets.

Ind.Cl.:206 E **193601**

Int.Cl[7]:G 01 R 31/28

" A METHOD AND AN APPARATUS FOR QUICKLY AND EFFICIENTLY TOGGLING OUTPUT PINS UNDER TEST ON AN INTEGRAGTED CIRCUIT"

Applicant: M/s. SAMSUNG ELECTRONICS CO. LTD
AN KOREAN COMPANY
OF 416 MAETAN-DONG, PALDAL-GU
SUWON-CITY, KYUNGI-DO, REPUBLIC OF KOREA

Inventors: 1. L. Randall Mote, Jr.

Application No1769/MAS/1996 filed on 7th OCT 1996
Convention No.08/596,043 on, 6th FEB 1996 in USSN

2003

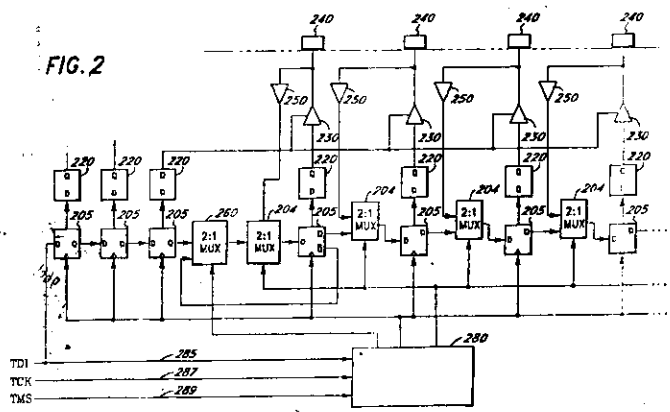
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

8 Claims

A method for quickly and efficiently toggling output pins under test on an integrated circuit, wherein each of said output pins is coupled to a corresponding boundary scan latch, and each of said boundary scan latches is coupled to a corresponding boundary scan shift register element, and wherein said output pins are further in electrical communication with a test circuit, said method comprising the steps of parallel loading, via said output pins a first test vector from the test circuit into said boundary scan shift register elements as a first test pattern: placing said test circuit in a high impedance state; driving said first test pattern onto said output pins from said boundary scan latches in response to said first test vector; parallel loading said first test pattern into said boundary scan shift register elements from said output pins; driving a second test pattern onto said output pins from said boundary scan latches, wherein said second test pattern is the complement of said first test pattern; parallel loading said second test pattern into said boundary scan shift register elements from said output pins; and driving a third test pattern onto said output pins from said boundary scan latches, wherein said third test pattern is the complement of said second test pattern.

Comp.Speen. 17 Pages; Drgs 5 Sheets.

FIG. 2



Ind.Cl.:153 **193602**

Int.Cl[7]:B 24 D 003/2

" A VITREOUS BONDED ABRASIVE GRINDING WHEEL"

Applicant: NORTON COMPANY (A US COMPANY),
1 NEW BOND STREET,
PO BOX 15138, WORCESTER,
MASSACHUSETTS 01615 - 0138,
USA

Inventors: 1. DAVID A. SHELDON
2. ROBERT S. LUNDBERG

Application No:769/MAS/1996 filed on 09th May 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

(08 Claims)

A vitreous bonded abrasive grinding wheel comprising aluminum oxide abrasive and a vitreous bond composition that provides improved form holding or corner holding properties, said vitreous bond composition has greater than 47 weight percent of SiO_2, less than 16 weight percent of Al_2O_3, from 0.05 to 2.5 weight percent of K_2O, from 2.0 to 10.0 weight percent of Li_2O and from 9 to 16 weight percent of B_2O_3.

Comp.Specn. 26 Pages; Drgs 02 Sheets.

Ind.Cl.:172 D 4 **193603**

Int.Cl[7]:D 01 H-11/00; F 16 F-13/00

"A GENTLE COVER CLOSING MECHANISM FOR A POSITIVE CLEARER ON A SPEED FRAME, FLY FRAME OR ROVING FRAME USED IN YARN SPINNING MILLS"

Applicant: RAJAGOPAL VASANTHAKUMAR
Indian National, of Karpagam Industries (P) Ltd.,
K-5 SIDCO Industrial Estate, Coimbatore-641 021, Tamil Nadu,
India

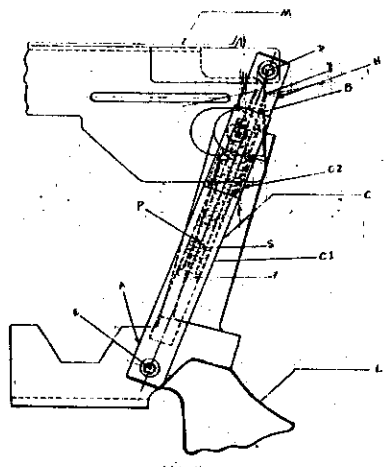
Inventors: 1. RAJAGOPAL VASANTHAKUMAR

Application No:703/MAS/1996 filed on 30th April 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

5 Claims

1. A gentle cover closing mechanism for a positive clearer on a speed frame, fly frame or roving frame, used in yarn spinning mills, comprising a piston reciprocably disposed within a cylinder and loaded with a compression spring, the cylinder being closed at one end with an aperture at the other, the piston protruding out of the said aperture and the cylinder being constituted by two parts in moveable engagement with each other, for partially compressing the spring to a predetermined extent; a traction head provided for the protruding part of the piston; and means for fixing the said traction head and the said cylinder to the clearer cover and to a rigid support, such as, the arm bracket.



Comp.Specn. 10 Pages; Drgs 3 Sheets.

Ind.Cl.:133 A **193604**

Int.Cl[7]:H 02 P-7/29; H 02 P-7/05

"A CONTROL SYSTEM FOR A SWITCHED RELUCTANCE MACHINE"

Applicant: SWITCHED RELUCTANCE DRIVES LIMITED
A BRITISH COMPANY
SPRINGFIELD HOUSE, HYDE TERRACE, LEEDS,
LS2 9LN, ENGLAND

Inventors: 1. STEPHEN JAMES WATKINS

Application No568/MAS/1996 filed on 4th April 1996

Convention No.9506975.3 on, 4th April 1995 in GB

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

9 Claims

1. A control system for a switched reluctance machine, comprising a rotor, a stator and nt lenst one phuse winding, the system comprising position means (41) for deriving a position signal indicative of the rotor position; means (47) for producing a machine torque demand signal; means (46) for producing a value for a first duration of a firing pulse from the torque demand signal; means (67, 68) for producing a value of a second duration of a delay that is, on the one hand, a difference between a phuse period and the first duration of the firing pulse and, on the other hand, a turn-off time; delay means (64) triggerable by the position signal to produce a delay pulse having the second duration after the turn-off time; firing pulse means (66) triggerable at the end of the delay pulse to produce the firing pulse having the first duration; and means (34) for energising the at least one phase winding in accordance with the firing pulse.

Comp.Specn. 31 Pages; Drgs 10 Sheets.

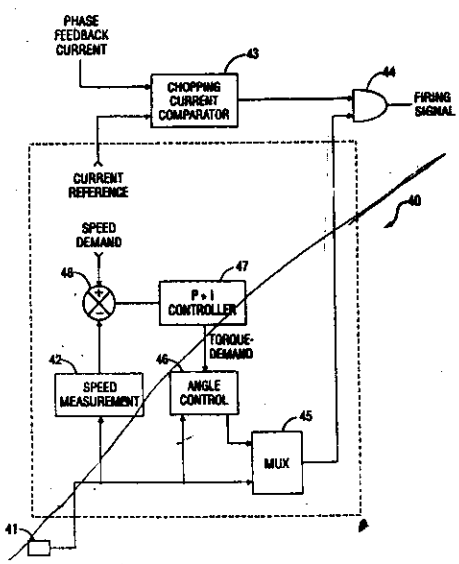


FIG. 4

Ind.Cl.:99 II

193605

Int. Cl.[4] B 65 D - 61/00, B65 D - 6/32, B 65 D - 77/06

" A PALLET CONTAINER"

Applicant: PROTECHNA S.A., OF RUE SAINT - PIERRE 8,
CH - 1701 FRITBOURG,
SWITZERLAND, A SWISS COMPANY

Inventors: LUDO SCHUTZ

Application No502/MAS/1996 filed on 27th March 1996

Convention No.195 11 723.9 on, 30th March 1995 in GERMANY

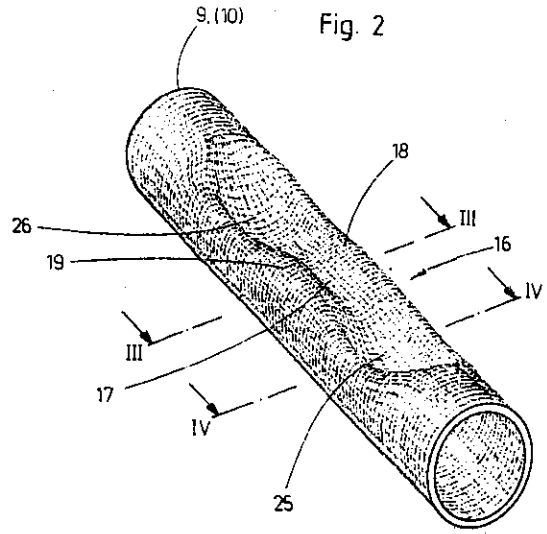
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

05 Claims

A pallet container for transporting and storing of liquids, having a flat pallet (11), an exchangeable inner container (2) made of plastic material with an upper, closeable filler opening (3) and a lower emptying device (5) and also, surrounding the inner container, one outer sleeve (8) which consists of vertical and horizontal lattice bars (9, 10) made of metal which support the plastic inner container filled with liquid, the lattice bars which are configured as tubes being indented at the intersection points (15) to form trough-like, double-walled recesses (16) extending in the longitudinal direction of the lattice bars in such a manner that at each intersection point between the longitudinal edges (18,19) of the recesses (16) of two lattice bars lying perpendicularly one above the other there arise four contact points (20) with a material accumulation respectively corresponding

to the quadruple lattice bar wall thickness, and the four contact points of two lattice bars being welded together at the intersection points characterised in that the trough-like recesses (16) of the vertical and horizontal lattice bars (9, 10) have a central raised part (17) extending across the cross-section of the recesses, two lattice bars (9,10) respectively lying one above the other at the intersection points (15) are welded together at the four contact points (20) of these raised parts (17) and the incisions (25, 26) of the recesses (16) of the lattice bars (9,10) adjacent on both sides to the raised part (17) with the contact and weld points (20) form restrictedly elastic bending points with a reduced bending resistance moment relative to the raised part (17) for relieving the weld joints at the intersection points (15) upon application of static and/or dynamic pressure on the lattice sleeve (8).

Fig. 2



Comp.Specn. 10 Pages; Drgs 03 Sheets.

Ind.Cl.: 63 A3 **193606**

Int.Cl[7]: H 02 K 29/00

"A ROTOR POSITION ENCODER"

Applicant: SWITCHED RELUCTANCE DRIVES LIMITED
OF EAST PARK HOUSE, OTLEY ROAD, HARROGATE
NORTH YORKSHIRE, RG3 1PR,
A BRITISH COMPANY
ENGLAND

Inventors: 1. DAVID MARK SUGDEN

Application No490/MAS/1996 filed on 26th March 1996

Convention No.9506338.4 on, 28th March 1995 in GBSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

15 Claims

A rotor position encoder for a variable reluctance machine comprising a member having a first set of indicia arranged to produce first output signals at a first resolution and a second set of indicia arranged to produce second output signals at a second resolution, first sensor means arranged to be influenced by relative movement between the first sensor means and the first set of indicia to produce the first output signals which are indicative of the movement, second sensor means arranged to be influenced by relative movement between the second sensor means and the second set of indicia to produce the second output signals which are indicative of the movement, and analysing means for comparing the first and second output signals to determine whether there is an error in either the first or second output signal from the sensor means.

Comp.Speen. 34 Pages; Drgs 12 Sheets.

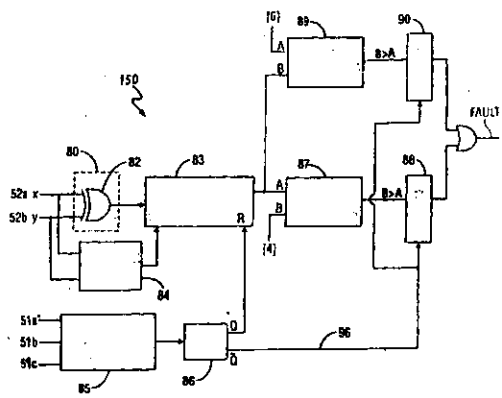


FIG. 8

Ind.Cl.:32 C **193607**

Int.Cl[7]:C 10 L - 1/10

" A FUEL ADDITIVE COMPOSITION FOR IMPROVED COMBUSTION OF LIQUID FUELS AND A METHOD OF PREPARING THE SAME"

Applicant: VASUDEVA PANICKER MOHANDAS MENON, 41/410, " OMKARANANDALAYAM", RAJAJI ROAD, COCHIN - 682035, INDIA, INDIAN NATIONAL AND COCHIN REFINERIES BALMER LAURIE LTD., AMBALAMUGAL - 682302, ERNAKULAM DISTRICT, KERALA, INDIA, AN INDIAN COMPANY

Inventors: 1. VASUDEVA PANICKER MOHANDAS MENON

Application No:319/MAS/1996 filed on 01st March 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

06 Claims

1,A fuel additive composition for improved combustion of liquid fuels comprising a solution of a polymer of iso olefins in the molecular weight range of 100 to 3000, in a solvent, such as, a petroleum solvent, the said solution being uniformly dispersed in a fuel in a concentration of 100 ppm to 3 percent by volume of the polymer in the said fuel.

Comp.Specn. 08 Pages; Drgs 0 Sheets.

Ind.Cl.:55E1

193608

Int.Cl[7]:A01N 1/0; A61 5/14

" AN APPARATUS AND A PROCESS FOR REDUCING THE DETORIORATION OF RBCs OF BLOOD DURING STORAGE WITH PARTICULAR REFERENCE TO DECREASE IN THE LEVEL OF 2,3 DIPHOSPHOGLYCERATE AND FORMULATION EMPLOYED FOR THE SAME"

Applicant: M/s. TERUMO PENPOL LTD.,
A JOINT VENTURE WITH TERUMO CORPORATION, JAPAN
IX/1323, SASTHAMANGALAM,
TRIVANDRUM-695 010, KERALA INDIA

Inventors: 1. PARAMESWARA ACHUTHA KURUP
2. PEETHAMBARAN ARUN
3. CHANDRASEKHAR BALAGOPAL

Application No:994/MAS/2001 filed on 10th DEC 2001
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

22 Claims

An apparatus and a process for reducing the deterioration of RBCs of blood during storage with particular reference to decrease in the level of 2,3 diphosphoglycerate comprising of :

i. an apparatus of Triple Blood Bag system which has a Primary Bag A, first Satellite Bag B and second Satellite Bag C,
the said Primary Bag A containing a solution A which is an anti-coagulant solution,
the said first Satellite Bag B containing a solution B which is a preservative formulation, and
the said second Satellite Bag C containing a solution C which is a dextrose solution ; and

ii. a process including the following steps :
   a. autoclaving of solutions in said Primary Bag A, said Satellite Bag B and said Satellite Bag C;
   b. collection of donor blood into said Primary Bag A;
   c. said Primary Bag A with collected blood maintained at a temperature 4 + 1 °C;

d. centrifugation of collected blood in said Primary Bag A at 2700 rpm for 12 minutes for separation of plasma and RBCs;

e. transfer of said solution C from said Satellite Bag C to said Satellite Bag B such that the Satellite Bag B contains a mixture of said solution B and said solution C and said Satellite Bag C being empty at the end of this step;

f. mixing of said solution C with said solution B in said Satellite Bag B by means of agitation to form a mixed preservative solution at the end of this step;

g. transfer of said plasma so separated in the said Primary Bag A in step d as above using plasma expresser into empty Satellite Bag C such that said Primary Bag A contains only RBCs at the end of this step;

h. transfer of mixed solution contained in said Satellite Bag B from step f into said Primary Bag A containing only RBCs of stop g;

i. mixing of RBCs contained in said Primary Bag A with the solution transferred from said Satellite Bag B by means of gentle manual agitation;

j. sealing of said Primary Bag A using a tube sealer;

k. storage of said Primary Bag A with collected RBC at 4 ± 1 °C;

Comp.Specn. 34 Pages; Drgs 1 Sheets.

Ind.Cl.:55 E 4

193609

Int.Cl[7]:461 K 35/68

" A PROCESS FOR PREPARATION OF A NOVEL HERBAL MEDICINAL COMPOSITION FOR CANCER TREATMENT FROM JANAKIA ARAYALPATHRA ROOT AND TRIHCOPUS ZEYLANICUS LEAF"

Applicant: M/s. TROPICAL BOTANIC GARDEN AND RESEARCH INSTITUTE
AN INDIAN RESEARCH INSTITUTION
KARIMANCODE P.O., PACKA-PALODE,
THIRUVANANTHAURAM-695562 KERALA

Inventors: 1. Dr. APPIAN SUBRAMONIAM
2. Dr. SREEDHARAN RAJASEKHARAN
3. Dr. PALPU PUSHPANGADAN
4. Dr. VARGHESE GEORGE
5. Dr. GOPALAPILLAI SREEKANDAN NAIR

Application No:659/MAS/2001 filed on 9th AUG 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

3 Claims

A process for preparation of a herbal medicinal composition (phytomedicine) for cancer treatment from extracts of *Janakia arayalpathra* root and dried leaves of *Trichopus zeylanicus* in the ratio of 1:1 comprising of the following steps of

i. collection of fresh leaves of *Trichopus zeylanicus* from the cultivated gardens (or wild habitat), drying and powdering in an ordinary mixer at low speed,

ii. thoroughly mixing the extract of *Janakia arayalpathra* roots obtained, using known methods, with the dried leaf powder of Step I in the ratio of 1:1 using suspending agents like 2% gum acacia or 5% Tween 80 to obtain the herbal medicinal composition (phytomedicine) for cancer treatment.

Comp.Specn. 9 Pages; Drgs 4 Sheets.

Ind.Cl.: 32 F_2 b

193610

Int.Cl[7]: C 07 D 211/00

" A METHOD FOR THE PREAPARATION OF N-METHYL-D-ASPARTATE AND ITS DERIVATIVES"

Applicant: F. Hoffmann-La Roche AG
A Swiss Company
of 124 Grenzacherstrasse, CH 4070 Basle,
Switzerland

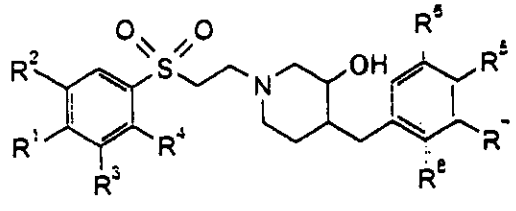
Inventors: 1. Yvo Crameri
2. Michelangelo Scalone
3. Pius Waldmeier
4. Ulrich Widmer

Application No: 253/MAS/2001 filed on 20th March 2001

Convention No. 00106210.8 on 22.03.2000 in EUROPE

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

1. A Method for the preparation of compounds of formula



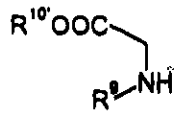
wherein

R^1 - R^4 are, independently from each other hydrogen, halogen, hydroxy, amino, nitro, lower-alkyl-sylfonylamido or acetamido;

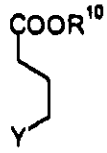
R^5 - R^8 are, independently from each other, hydrogen, lower-alkyl, halogen, trifluoromethyl or lower-alkoxy;

and their pharmaceutically acceptable acid addition salts of hydrochloric acid, nitric acid, sulfuric acid, lactic acid, phosphoric acid, citric acid, formic acid, fumaric acid, maleic acid, acetic acid, succinic acid, tartaric acid, methane-sulphonic acid or p-toluenesulfonic acid, which process comprises

a) reacting a protected amino acid ester (1)



with a 4-substituted butyric acid derivative (2)



wherein

R^9 is an amino protecting group, preferably benzyl;

R^{10} and $R^{10'}$ are independently a carboxylic acid protecting group; and
Y represents a leaving group;

to a compound of formula (3) in the presence of a base, which is triethylamine, ethyl-diisopropyl-amide, K_2CO_3 or Na_2CO_3, and in a solvent which is DMF, dioxane or acetonitrile; and

b) cyclising the obtained protected alkoxycarbonylmethyl amino butyric acid derivative

(3)

wherein the symbols are as defined above;
to a compound of formula (4) in an apolar aromatic solvent, which is toluene, and

c) benzylating the protected alkyl 3-oxo-piperidine carboxylate (4) salt

(4)

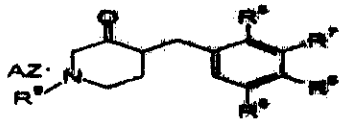
wherein
AZ signifies a mineral acid or a strong organic acid
to a compound of formula (5) in the presence of a base and a solvent, which are potassium-tert-butoxyde in THF, NaH in THF, $NaOC_2H_5$ in ethanol or K_2CO_3 in THF, and

d) decarboxylating the benzylated protected alkyl 3-oxo-piperidine carboxylate (5)

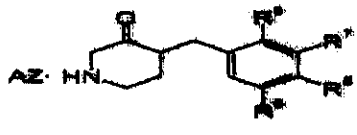
(5)

wherein the symbols are as defined above;
to a compound of formula (6) or (6bis) in presence of a strong acid which is hydrochloric acid or sulfuric acid; and

e) asymmetrically hydrogenating the salt of formula (6) or (6bis)



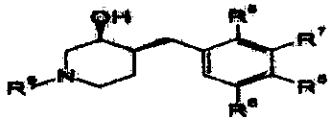
(6) or



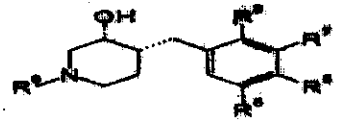
(6bis)

wherein R^9 is an amino protecting group;
to a compound of formula (7a) or (7b) in presence of a ruthenium complex with a chiral diphosphine ligand, a chiral diamine and a organic or an inorganic base; and

f) deprotecting the compound of formula (7a) or (7b)



(7a)

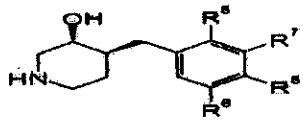


(7b);

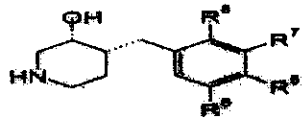
wherein the symbols are as defined above;
to a compound of formula III-a or III-b by hydrogenation of the N-benzylated compound in the presence of Pd/C, or in the alternative

g) deprotecting the compound of formula (6) to a compound of formula (6bis); and subsequently

h) reacting the piperidine derivative of formula III-a or III-b

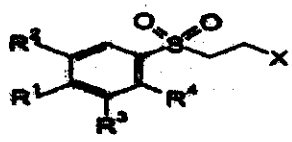


III-a



III-b

wherein the symbols are as defined above;
with the sulfone derivative of formula II



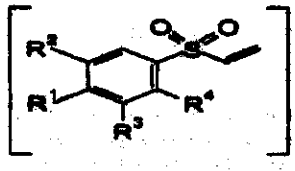
II

wherein

R^1 - R^4 are as defined above; and

X is a leaving group;

which is previously treated with a base, which is triethylamine in CH_2Cl_2, to form the corresponding reactive vinyl sulfone intermediate



in the presence of a base to obtain the desired compound of formula I.

Reference to : WO 95/25721; ;

Comp.Specn. 41 Pages; Drgs Nil Sheets.

Ind.Cl.: 32 F 3 d **193611**

Int.Cl[7]: C 07 D 307/81

"A METHOD FOR PREPARATION OFPURIFIED CITALOPRAM OF FORMULA I"

Applicant: H. LUNDBECK A/S
OF 9 OTTILIAVEJ, DK-2500
VALBY-COPENHAGEN
A DANISH COMPANY, DENMARK

Inventors: 1. ANDREA CASTELLIN
2. GIULIO VOLPE
3. FEDERICO SBROGIO

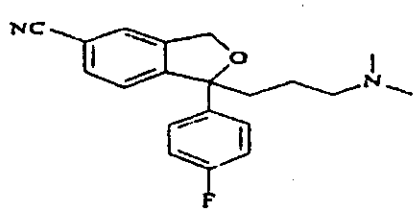
Application No580/MAS/2001 filed on 13th July 2001

Convention No.PA200001943 on, 28th Dec 2000 in DANISH

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13 Claims

A method for the preparation of purified citalopram of formula I



(I)

wherein the crude citalopram is optionally subjected to initial purification; and in order to remove high molecular reaction impurities the crude citalopram base is subsequently subjected to a film distillation process in which the evaporation of volatile substances from the mixture to be distilled is performed by heating the mixture as a film by a distillation temperature of 200-330°C and at a pressure of 0.1-2.0 mmHg; the resulting citalopram product is then optionally further purified and worked up and isolated in a known manner as the base or a pharmaceutically acceptable salt thereof.

Reference to : US 4,136,193; WO 0013648

Comp.Specn. 12 Pages; Drgs NIL Sheets.

Ind.Cl.:32 F_3 b

193612

Int.Cl[7]:C07 C 69/22

" A PROCESS FOR THE PREPARATION OF 3-ARYL-2-HYDROXY PROPANOIC ACID DERIVATIVES"

Applicant: DR. REDDY'S LABAROATORIES LTD.,
AN INDIAN COMPANY
7-1-27, AMEERPET, HYDERABAD
ANDHRAPRADESH- 500 016 INDIA

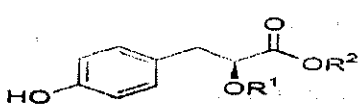
Inventors: 1. SIRPIRAGADA MAHENDER RAO,
2. VANADANAPULOKA APPALA PURUSHOTHAM
3. MAMILLAPALLI RAMABHADRA SARMA
4. GADDAM OM REDDY

Application No:779/MAS/2001 filed on 20th SEP 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

4 Claims

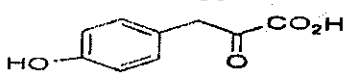
1. A process for the preparation 3-aryl-2-hydroxy propanoic acid derivative of the formula (1)



(1)

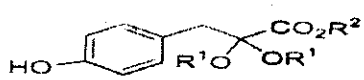
wherein R^1 represents hydrogen atom or (C_1-C_6)alkyl group such as methyl, ethyl, propyl, isopropyl and the like, and R^2 represents (C_1-C_6)alkyl group which comprises:

i). treating 3-(4-hydroxy phenyl) pyruvic acid of formula (2)



(2)

in the presence of a mineral acid and alcohol as a solvent at a temperature in the range of 0 to 60 °C, for a period in the range of 2 to 12 h preferably 6 to 12 h to obtain a compound of formula (15),



(15)

ii). reducing the compound of formula (15) using a reducing agent selected from Rh-Alumina, Nickel, PtO_2, diborane, Borane-DMS, $NaBH_4$-TFA, $NaBH_4CN$ or $LiAlH_4$-$AlCl_3$ in the presence of acetic acid and a solvent such as herein defined under to yield compound of formula (1) and

iii). isolating the compound of formula (1) by conventional methods.

Reference to : WO 99/62870; US 5,306,726

Comp.Specn. 10 Pages; Drgs NIL Sheets.

Ind.Cl.:32 F_2 b

193613

Int.Cl[7]:C 07 D 265/28 ; C 07 D 279/18

" AN IMPROVED PROCESS FOR THE PREPARATION OF BICYCLIC ANTIDIABETIC COMPOUNDS"

Applicant: DR. REDDY'S LABAROATORIES LTD.,
AN INDIAN COMPANY
7-1-27, AMEERPET, HYDERABAD
ANDHRAPRADESH- 500 016 INDIA

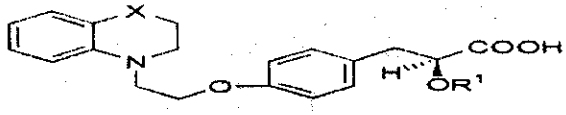
Inventors: 1. BATCHU CHANDRASEKHAR
2. ADDANKI SIVARAMA PRASAD
3. MAMILLAPALLI RAMAHBANDRA SARMA
4. GADDAM OM REDDY

Application No:778/MAS/2001 filed on 20th SEP 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

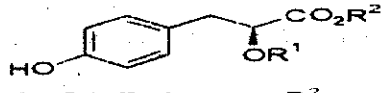
5 Claims

1. A process for the preparation of compounds of the formula (1)



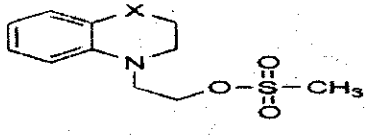
where R^1 represents (C_1-C_6)alkyl group; X represents sulphur or oxygen atom, which comprises:

i). condensing the compound of the formula (7)



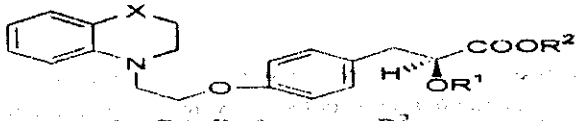
(7)

where R^1 represent (C_1-C_6)alkyl group, R^2 represents ethyl, propyl, isopropyl, butyl, isobutyl or t-butyl with mesylate of the formula (8)



(8)

where X represents sulphur or oxygen atom in the presence of a base selected from alkali metal carbonate or alkali metal hydroxide and solvent such as toluene, xylene, DMF, DME, DMSO or alcohols like methanol, ethanol propanol or isopropanol at a temperature in the range of 50 °C to 150 °C and the duration of the reaction range from 5 to 30 h to give the ester of the formula (9)



(9)

where R^1 represents (C_1-C_6)alkyl group, R^2 represents ethyl, propyl, isopropyl, butyl, isobutyl or t-butyl, X represents sulphur or oxygen atom,

ii). hydrolysing the compound of the formula (9) by conventional methods to yield the compound of the formula (1) defined above, and

iii). isolating the compound of formula (1) by conventional methods.

Reference to : US 6,265,401; WO 00/66572

Comp.Specn. 15 Pages; Drgs NIL Sheets.

Ind.Cl.:32C, 32 F_3 d **193614**

Int.Cl^7:C 07 D 309/00

"A PROCESS FOR LACTONIZATION TO PRODUCE SIMVASTATIN"

Applicant: Aurobindo Pharma Limited,
An Indian Organisation
Plot No. 2, Maitrivihar Complex, Ameerpet,
Hyderabad - 500 038, Andhra Pradesh, India

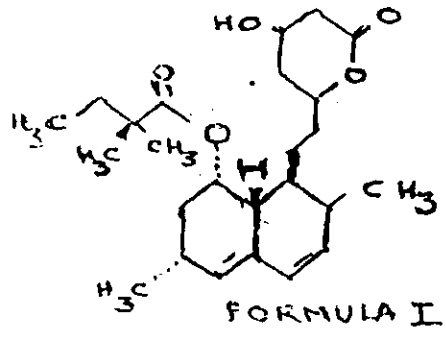
Inventors: 1. Ramesh Dandala
2. Sonny Sebastian
3. Sanapureddy Jagan Mohan Reddy
4. Meenakshisunderam Sivakumaran

Application No:401/MAS/2001 filed on 18th May 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

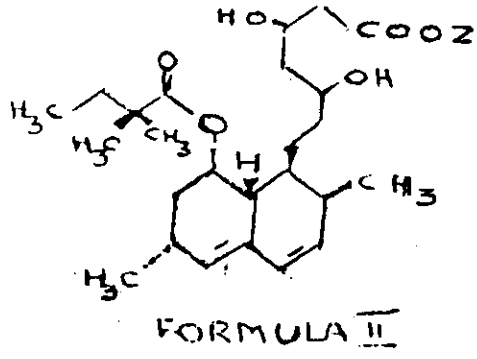
4 Claims

A process for Lactonization to produce Simvastatin of Formula I



FORMULA I

Which comprises heating a compound, namely acid or ammonium salt of compound of Formula II.



FORMULA II

Where Z is H or NH_4 in an organic solvent selected from xylenes, ethylbenzene and mixtures thereof at a temperature of 130 to 140 ° C, distilling off the solvent and crystallization from cyclohexane to give Simvastatin of greater than 99% purity.

Reference to : US 4,820,850; WO 99/42601;

Comp.Specn. 13 Pages; Drgs Nil Sheets.

Ind.Cl.: 116 G **193615**

Int.Cl[7]: B 65 G - 69/18

"A SYSTEM FOR CONTINUOUSLY CONTROLLING THE EMISSION OF DUSTFROM A PIT DESIGNED TO HAVE GRAIN PERIODICALLY DUMPED AT HIGH FLOW RATES INTO THE PIT"

Applicant: CTB,INC.,
A CORPORATION ORGANIZED AND EXSTING UNDER THE LAWS OF THE STATE OF INDIANA, USA AND HAVING A PRINCIPAL PLACE OF BUSINESS AT STATE ROAD 15 NORTH, P O BOX 2000, MILFORD,MICHIGAN 46542-2000 USA

Inventors: 1. KEN KEARNEY

Application No:1352/MAS/1995 filed on 19th Oct 1995
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

A system for continuously controlling the emission of dust from a pit designed to have grain periodically dumped at high flow rates into the pit comprising:

(a) a pit;

(b) a plurality of units arranged to form a lid on said pit;

(c) said plurality of units, having at least one metering unit and at least one dumping unit;

(d) each of said units having a plurality of louvers;

(e) means on each of said units for opening and closing said louvers in said units;

(f) a first portion of the louvers in said metering section connected to a first one of said means for opening and closing said louvers and a second portion of said louvers connected to a second means for opening and closing said louvers;

(g) all louvers in said dump section connected to a single means for opening and closing said louvers;

(h) sensing means to generate a signal when grain is present on said units;

(i) said sensing means located on at least one of said metering units;

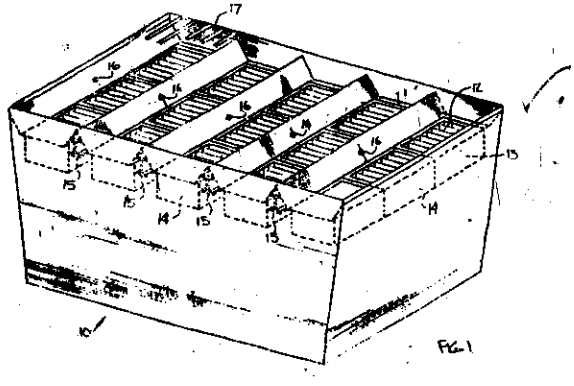
(j) means responsive to said signal from said sensing means to open said louvers on said metering unit after a predetermined time lapse;

(k) means to generate a signal sent to said units for opening all louvers on all units;

(l) said signal directed to all means for opening and closing said louvers in said units sent to said units; and

(m) means for generating a subsequent signal sent to said units to close all of said louvers whereby the dust is prevented from escaping the pit at all times including during the unloading of grain into said pit.

Comp.Speen. 17 Pages; Drgs 5 Sheets.



Ind.Cl.:206 E

193616

Int.Cl[7]:H 04 Q 7/00

"A WIRELESS SYSTEM FOR CALCULATING UPLINKSIGNALS TRANSMITTED FROM A PLURALITY OF REMOTETERMINALS USING A COMMON UPLINK CHANNEL"

Applicant: ARRAYCOMM, INC
A CALIFORNIA CORPORATION, 125 NICHOLSON LANE, SAN JOSE, CALIFORNIA 95134, USA

Inventors: 1. CRAIG H BARRATT
2. DAVID M PARISH
3. RICHARD H ROY III

Application No:1593/MAS/1995 filed on 5th Dec. 1995

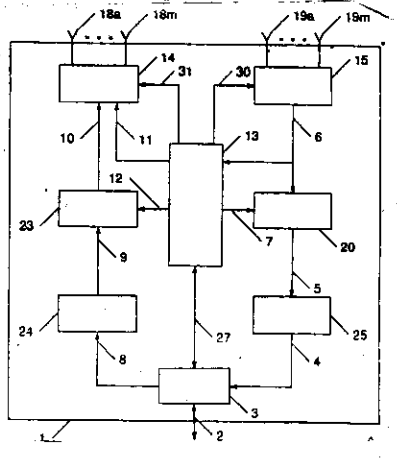
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

25 Claims

A wireless system for calculating uplink signals transmitted from a plurality of remote terminals using a common uplink channel, said system including at least one base station (1), said system comprising : receiving means at said at least one base station (1) including a plurality of antenna elements (19a-m) and receivers (15) for producing measurements of combinations of said uplink signals from said plurality of remote terminals using said common uplink channel, receive spatial processing means (13) for determining and storing receive spatial signatures for said plurality of remote terminals using said measurements, spatial demultiplexing means (20) using said receive spatial signatures and said measurements to calculate said uplink signals; transmission means including a plurality of transmit antenna elements (18a-m) and transmitters (14) for transmitting multiplexed downlink signals to said plurality of remote terminals using a common downlink channel; transmit spatial processing means (13) for determining and storing transmit spatial signatures for said plurality of remote terminals; and spatial multiplexing means (23) using said transmit spatial signatures and downlink signals to produce said multiplexed downlink signals.

Reference to : US 4,965,732US 5,262,789US 5,471,647

Application MAS [illegible] Dec



Comp.Specn. 35 Pages; Drgs 9 Sheets.

Ind.Cl.:27 O

193617

Int.Cl[7]:E 04 B 2/76

" A PARTITION PANEL"

Applicant: STEELCASE INC., A CORPORATION OF THE STATE OF MICHIGAN USA., OF 901 - 44TH STREET, S.E., P.O. BOX 1967, GRAND RAPIDS, MICHIGAN 49501, USA

Inventors: 1. ROBERT J LUCHETTI
2. GREGG ROBERT DRAUDT
3. JAMES BENDER ELDON III
4. DAVID DEAN McCLANAHAN

Application No:1666/MAS/1995 filed on 15th December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

26 Claims

A partition panel comprising a partition frame having an upper horizontal frame member and a lower horizontal frame member, each member having an apertured planar outer surface defining a horizontally extending row comprising several horizontally spaced and aligned slots for supporting a furniture component; and a cover panel attached to the upper and lower horizontal frame members and shaped to cover a substantial portion of a side face of the partition frame but shaped to permit selective access to the slots on the upper and lower horizontal frame members, wherein off-module connectors are provided for engaging selected ones of the slots on the upper and lower horizontal frame members, the off-module connectors being constructed to support furniture components on the partition frame.

Reference to : 4, 429, 934 ; 4, 060, 294 4, 228, 834; 4, 382, 648; 3, 822, 146; 3, 831, 330; 4, 144, 924

Comp.Specn. 34 Pages; Drgs 28 Sheets.

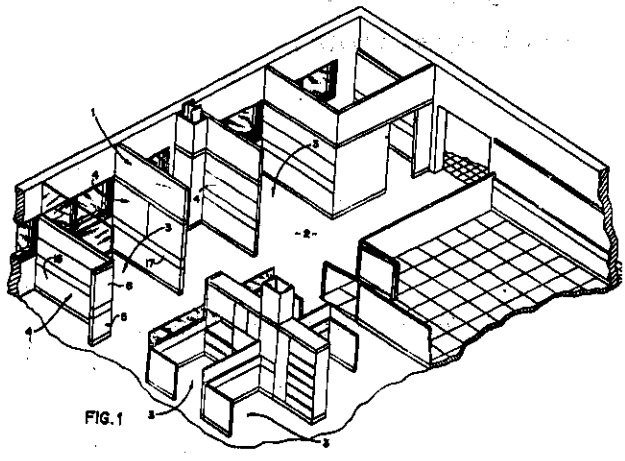


FIG.1

Ind.Cl.:204

193618

Int.Cl[7]:G 01 15/02

"A VOLUMETRIC WEIGHER FOR A PACKING/PACKAGING MACHINE"

Applicant: TATA TEA LIMITED,
SOUTH INDIA PLANTATION DIVISION, POST BOX NO. 9,
MUNNAR 685612, KERALA, INDIA,
AN INDIAN COMPANY,

Inventors: 1. PAUL JOSE

Application No:1509/MAS/1995 filed on 22nd November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

06 Claims

A volumetric weigher for a packing/packaging machine, comprising a bottom plate and a top plate, the bottom plate being fixed and the top plate being pivotally mounted on said fixed bottom plate, a pneumatic actuator to cause to-and-fro horizontal swinging or curving motion to said top plate, said moving top plate having an aperture at a predetermined location, means for adjusting the volume of said aperture, and the bottom plate being provided with a hole at a predetermined location on the to and fro path of said aperture.

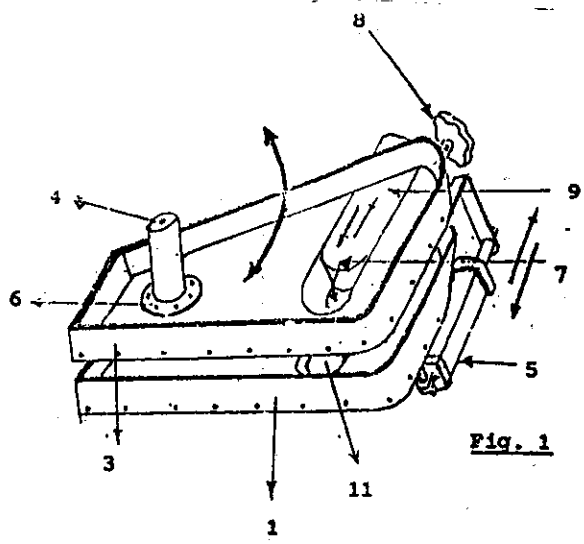


Fig. 1

Comp.Specn. 09 Pages; Drgs 04 Sheets.

Ind.Cl.:76 E, 129 G **193619**

Int.Cl[7]:F 16 B 5/06, F 16 B 2/00

"RING FASTENER, AND METHOD FOR MANUFACTURING RING FASTENER"

Applicant: LUCAS INDUSTRIES PUBLIC LIMITED COMPANY,
BRUETON HOUSE, NEW ROAD,
SOLIHULL WEST MIDLANDS,
B 91 3TX, GREAT BRITAIN,
A BRITISH COMPANY

Inventors: 1. HUBERT KRAUTKREMER
2. GERD MAYER
3. RENE STRAUB

Application No:1455/MAS/1995 filed on 10th November 1995

2003

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

17 Claims

A ring fastener, with a circular configuration in the rest condition, comprising two ring ends (11,12) spaced from each other, an essentially constant cross-section (B) over at least 150° of its circumference, and in the area of each ring and (11,12) a recess (13, 14) opening toward its inner circumference.

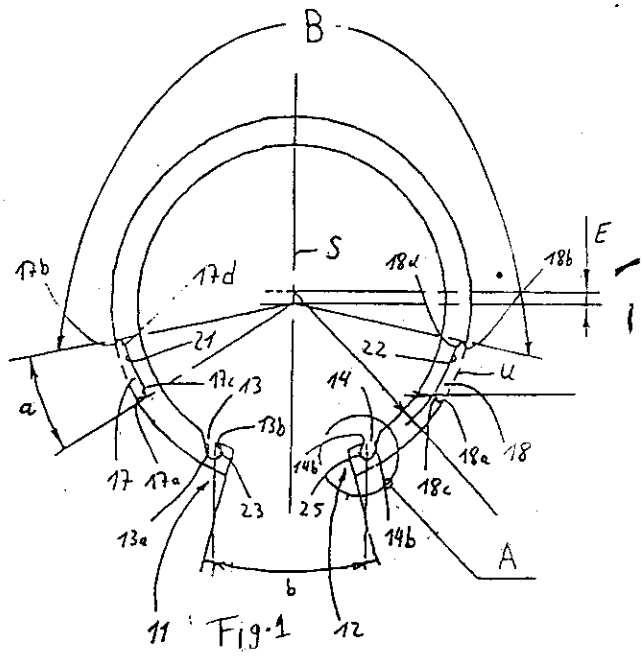


Fig-1

Comp.Specn. 23 Pages; Drgs 02 Sheets. .

Ind.Cl.:32 F 3(b)

193620

Int.Cl[7]:A 61 K 31/505 ; C 07 D 239/02

" A PROCESS FOR SEPARATING DISSOLVED L-DIHYDROOROTIC ACID"

Applicant: M/s. AVENTIS PHARMA DEUTSCHLAND GMBH
A GERMAN COMPANY
65929, FRANKFURT,
GERMANY

Inventors: 1. MILBERT, Ulrike
2. BARTLETT, Robert
3. RUUTH, Eric
4. FUDALI, Claude

Application NoIN/PCT/2000/00108/CHE filed on 8th JUNE 2000

Convention No.97121848.2 on, 11th DEC 1997 in EUROPE.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

11 Claims

A process for separating dissolved L-dihydroorotic acid from a solution containing said acid and interfering material comprising:

(a) loading said solution onto a chromatographic column comprising a pressure-stable anionic exchange material such as herein described to bind essentially all of said acid;

(b) eluting most of said interfering material from said column with an aqueous solution; and

(c) eluting said acid from said exchange material with an aqueous solution containing a base under a pressure of from about 1.1 MPa to about 40 Mpa, wherein the base is a known, water soluble base, such as alkali metal or alkaline hydroxide.

Comp.Specn. 30 Pages; Drgs nil Sheets.

RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 181337 made by KHOO TIAN on 15.12.2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 182201 made by ERNA HUEMERUNISTRAP-VERPACKUNG on 15.12.2003 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 183522 made by Phillips Petroleum Company on 04.09.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 184195 made by Phillips Petroleum Company on 30.08.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 184962 made by UDAY GUPTA on 29.11.2001 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 186225 made by Molex Incorporated on 03.12.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 186543 made by ALPHA METALS LTD. on 12.12.2003 has been allowed and the said Patent is restored.

OPPOSITION PROCEEDING (U/S 25)

An oppositon has been entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent on application No. 191303 (1700/Cal/96) dated 25.09.1996 made by M/s. Mitsuba Corporation, Japan.

Patents Sealed on 25-06-2004 (KOLKATA)

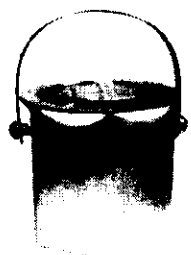
191567 191568 191569 191591 191594 191597 191611 191614 191617 191620 191732 191733 191736 191738 191739 191753 191761 191765 191773 191777 191852 191986 192310

KOLKATA—23

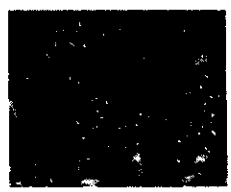
REGISTRATION OF DESIGNS

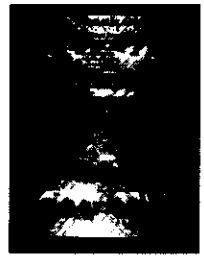
The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

The dates shown in the following each entry is the date of registration.

Class	**13-03**	**No.193225. FEDERAL ELECTRIK YATIRIM VE TICARET ANONIM SIRKETI, NATIONALITY TURKEY, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI- SAKARYA/TURKEY. "switches" 15.09.2003**	
Class	**09-03**	**No.193107. VENUS INDUSTRIES, OF WZ-1, BASAI ROAD, MOTI NAGAR, NEW DELHI-110015, INDIA. "HEXAGON ICE BUCKET" 03.09.2003**	
Class	**09-03**	**No.193108 VENUS INDUSTRIES, OF WZ-1, BASAI ROAD, MOTI NAGAR, NEW DELHI-110015, INDIA. "HEXAGON WINE COOLER" 03.09.2003**	
Class	**02-04**	**No. 194279 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004**	

Class	02-04	No. 194277 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	02-04	No.194275 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	02-04	No.194278 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	02-04	No.194276 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	02-04	No.194274 BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	

Class	02-04	No.194273. BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	02-04	No.194272. BATA INDIA LIMITED OF 6A S.N/ BANERJEE ROAD, KOLKATA-700013, WEST BENGAL, INDIA. "FOOTWEAR" 15.01.2004	
Class	28-03	No.193265. RAMAN PLASTICS, 59, 3RD BHOIWADA, BHULESHWAR, MUMBAI-400 002, MAHARASHTRA, INDIA, "COMB" 19.09.2003	
Class	05-05	No.194471. THE RISHABH VELVELEEN LIMITED, AT 9TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 28.01.2004	
Class	14-01	No.193130. SHUREE INCORPORATED OF THE STATE OF ILLINOIS OF 222 HARTREY AVENUE, EVANSTON, IL 60202-3696, U.S.A. "BASE OF CONFERENCE UNIT" 07.03.2003 (RECIPROCITY, U.S.A.)	

Class	09-07	No.193441. PANACEA BIOTEC LTD., B-1, EXTN., G-3, MOHAN CO.OP.INDL. ESTATE, MATHURA ROAD, NEW DELHI-44. "CAPSULE PACKAGE" 06.10.2003.	
Class	03-01	No.193121. M/S. MALIK INDUSTRIES, HAVING THEIR OFFICE AT A-G/17, SARAF KASKAR INDL. ESTATE, S.V. ROAD, JOGESHWARI(W), MUMBAI:-400102, MAHARASHTRA, INDIA, "JEWELLERY BOX" 04.09.2003	
Class	08-06	No.193280. TOKYO PLAST INTERNATIONAL LTD., TOKYO HOUSE, 9/49, MAROL CO-OP INDUSTRIAL ESTATE, M.V. ROAD, SAKI NAKA, ANDHERI (E), MUMBAI-400059, "CASSEROLE" 18.09.2003	
Class	07-02	No.194243. M/S. JAYSON INDUSTRIES, AN INDIAN FIRM, 389, OLD POST OFFICE, SADAR BAZAR, DELHI. "FLASK" 09.01.2004	
Class	07-08	No.1931091. VENUS INDUSTRIES, OF WZ-1, BASAI ROAD, MOTI NAGAR, NEW DELHI-110015, INDIA. "GASTRONAM TRAY" 03.09.2003	

Class	21-01	No.192844. SUNIL KUMAR NAYYAR, H. NO. 1212 SECT-18, FARIDABAD, HARYANA "SOFT TOY" 11.08.2003	
Class	07-02	No.193166. JAYCO PLASTICS, 6-9, GEETA INDUSTRIAL ESTATE NO. 3 SATIVALI ROAD, SATIVALI, VASAI (E), DIST: THANE-401202 STATE OF MAHARASHTRA, INDIA, "CASSEROLE" 05.09.2003	

Dr. S. N. MAITY
Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2004
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2004